



PHASE V STATUS REPORT IN SUPPORT OF REMEDY OPERATION STATUS

MOBIL STATION #1436 309 LOWELL STREET ANDOVER, MASSACHUSETTS MASSDEP RTN 3-3072

Prepared for: Global Companies LLC 800 South Street, Suite 500 Waltham, MA 02454

ECS Project No. 95-214880 August 2016

Prepared by: ECS 10 State Street Woburn, MA 01801 tel 781.246.8897 www.ecsconsult.com





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August 23, 2016 ECS Project No. 95-214880

Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup Northeast Regional Office 205B Lowell Street Wilmington, Massachusetts 01887

RE: Phase V ROS Status Report Mobil Station No. 1436 309 Lowell Street Andover, Massachusetts MassDEP RTN 3-3072

Dear Sir or Madam:

On behalf of Global Companies LLC (Global), Environmental Compliance Services, Inc. (ECS) has prepared the following Phase V ROS Status Report for the Disposal Site located at 309 Lowell Street in Andover, Massachusetts (here-in-after referred to as the "Site"). The Disposal Site is being tracked under MassDEP RTN 3-3072. Global assumed responsibility from ExxonMobil Corporation for the environmental response actions being conducted at the Site on September 8, 2010. A Conceptual Site Model (CSM), which includes a timeline of key regulatory dates, is included as Attachment I. A list of abbreviations and acronyms commonly associated with MCP reporting is included in Attachment II. A Site Locus Map is included as Figure 1, an Aerial Overview Plan is included as Figure 2, and a Site Plan, which depicts groundwater flow direction beneath the Site based on groundwater elevation data collected during the June 7, 2016 groundwater sampling event, is included as Figure 3. Graphs depicting the historical concentration trends for select groundwater contaminants and monitoring wells are included as Graphs 1 through 3.

Monitoring Period: February 2016 through July 2016

Selected CRA: Monitored Natural Attenuation

Work Performed: Two quarterly groundwater sampling events were conducted on March 8,

2016 and June 7, 2016.

Groundwater Classification: GW-1, GW-2 and GW-3

1.0 GROUNDWATER MONITORING PROGRAM AND RESULTS

1.1 Groundwater Monitoring Program

Two groundwater sampling events were completed during this reporting period. On March 8 and June 7, 2016 groundwater samples were collected from select monitoring wells and submitted to Contest Analytical Laboratory (Contest) of East Longmeadow, Massachusetts for laboratory analysis of VPH according to the MassDEP VPH Method. Additionally, select samples were submitted for analysis of methane, nitrate, sulfate, dissolved iron, and dissolved manganese. All samples were collected and analyzed according to the MassDEP CAM (finalized on June 25, 2004). This data has presumptive certainty for precision and accuracy. A review of PARCCS

indicates that the data collected during these sampling events are of suitable quality to support the conclusions of this and future reports. A summary of the groundwater monitoring program is presented in Table 1.

1.2 Groundwater Sample Laboratory Analytical Results

The laboratory analytical results and field geochemical data for the groundwater samples collected in March and June 2016 are summarized in Tables 2 and 3, and are discussed below. Copies of the laboratory analytical reports for the groundwater sampling events are provided in Attachment III.

1.2.1 March 2016

On March 8, 2016, groundwater samples were collected from monitoring wells OW-12, OW-13, MW-1, MW-2R, MW-3, MW-4 and OW-ED. The groundwater samples were submitted for laboratory analysis for VPH.

 C_9 - C_{10} aromatic hydrocarbons were detected at a concentration greater than the respective MCP Method 1 GW-1 Groundwater Standard in the sample collected from OW-13. Dissolved-phase VPH target analytes were not detected at concentrations greater than their respective MCP Method 1 GW-1, GW-2 or GW-3 Groundwater Standards in any other groundwater samples collected in March 2016.

1.2.2 June 2016

On December 16, 2015, groundwater samples were collected from monitoring wells OW-12, OW-13, OW-ED, MW-1, MW-2R and MW-3. The groundwater samples were submitted for laboratory analysis for VPH.

 C_9 - C_{10} aromatic hydrocarbons were detected at a concentration greater than the respective MCP Method 1 GW-1 Groundwater Standard in the sample collected from OW-13. Dissolved-phase VPH target analytes were not detected at concentrations greater than their respective MCP Method 1 GW-1, GW-2 or GW-3 Groundwater Standards in any other groundwater samples collected in June 2016.

1.3 MNA Results

ECS submitted groundwater samples for laboratory analysis of various parameters indicative of primary and secondary "lines of evidence" to determine if MNA is occurring at the Site. The highest concentrations of dissolved-phase VPH target analytes have historically been located in the vicinity of on-site groundwater monitoring wells OW-13 and MW-2. The concentrations of dissolved-phase VPH target analytes detected in these wells, as well as in OW-12 and MW-4, which have historically exhibited elevated concentrations of VPH target analytes, have decreased over time, as illustrated in Graphs 1 through 3. A linear trend line for each contaminant demonstrates a decreasing trend over time supporting the primary line of evidence that biodegradation is occurring.

During the most recent groundwater sampling events (March and June 2016), the groundwater samples collected from monitoring wells MW-1, OW-ED, OW-12 and OW-13 were submitted for laboratory analysis for methane, nitrate, sulfate, and dissolved iron and manganese, and were monitored for field geochemical parameters (Table 3). This data was compiled and compared to established literature values for further evaluation (Table 4).

The MNA data for the most recent sampling event completed in June 2016 indicate that biodegradation processes are continuing to occur beneath the Site, though slowing due to decreased dissolved-phase contaminant concentrations. This is evidenced by the higher concentration of dissolved iron as well as the elevated concentration of methane observed in the target area of the Site, which indicates that anaerobic biodegradation is continuing to occur to some extent within the subsurface. The MNA program continues to be effective at reducing dissolved-phase contaminant concentrations in groundwater.

2.0 SIGNIFICANT MODIFICATIONS TO THE OPERATION, MAINTENANCE AND/OR MONITORING PROGRAM

Due to the decreased contaminant concentrations observed across the Site, the monitoring well sampling program has been modified to include quarterly targeted sampling events in support of Site closure. ECS will continue to monitor dissolved-phase concentrations at OW-13, the one monitoring well currently exhibiting VPH concentrations above applicable standards, and evaluate and modify the monitoring program as necessary. The monitoring program will continue as follows:

 Quarterly groundwater sampling events will be conducted (March, June, September and December) including the collection of groundwater samples for laboratory analysis for VPH and MNA parameters from up to ten targeted wells.

3.0 EVALUATION OF THE PERFORMANCE OF THE REMEDIAL ACTION

Groundwater recovery, AS, and SVE systems were operated at the Site between January 1991 and March 2007. The operation of these remediation systems was discontinued in March 2007 and a groundwater monitoring program was initiated to determine if the remedial goals had been met at the Site. It is the opinion of ECS that the active remedial system successfully reduced dissolved-phase VPH concentrations in groundwater beneath the Site to levels appropriate for MNA.

Historical groundwater monitoring results indicate that the dissolved-phase VPH concentrations continue to follow decreasing trends and that the dissolved-phase contaminant plume is shrinking in size as a result of natural attenuation processes. Although select dissolved-phase VPH target analyte concentrations still periodically exceed their respective MCP Method 1 GW-1 Groundwater Standards in select on-site groundwater monitoring wells, the frequency of exceedances and the concentrations observed are continuing to decrease. During the groundwater sampling events completed in March and June 2016, concentrations of petroleum analytes were only detected above their respective, applicable MCP Method 1 GW-1 Groundwater Standards in one monitoring well (OW-13). No other Method 1 Groundwater Standard exceedances were detected during this monitoring period.

MTBE, historically the primary contaminant of concern with respect to off-property impacts, has not been detected above its applicable MCP Method 1 GW-1 groundwater standard in any monitoring well since 2009, with the exception of OW-ED during the September 2015 sampling event. The MNA program has successfully demonstrated that the downgradient extent of dissolved-phase VPH contamination is shrinking, and thus the Disposal Site boundary is not expanding.

It is the opinion of ECS that performance standards outlined in 310 CMR 40.0893 (2) and as presented in the Phase IV RIP, are being accomplished. ECS is not aware of any conditions or problems that are or may be affecting the performance of the remedial action at the Site.

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4.0 PROPOSED FUTURE ACTIVITIES

The following is the proposed schedule for future activities at the Site:

- Conduct quarterly groundwater sampling events as outlined in Section 2.0 at target groundwater monitoring well locations (identified in the Phase V Status Report submitted in February 2011) in order to evaluate the effectiveness of the CRA being performed;
- Prepare and submit Phase V ROS Reports on a semi-annual basis (February and August) until such time that a Permanent Solution is feasible and the Site is eligible for a Permanent Solution; and,
- ECS will complete an evaluation of all soil data available for the Site in order to determine if additional data is necessary to support Site closure.

5.0 PUBLIC INVOLVEMENT

As required by the Public Involvement Plan for the Site, copies of this Phase V ROS Report will be forwarded to the following information repositories:

- Memorial Hall Library Elm Square Andover, Massachusetts 01810 (978) 623-8400
- Department of Community Development and Planning Board of Health Department 36 Bartlett Street Andover, Massachusetts 01810 (978) 623-8295

Copies of the letters accompanying this ROS Status Report to the above information repositories are included in Attachment IV. Notices of availability of this Phase V ROS Report will be forwarded to the parties listed in Table 5 - Public Involvement Plan mailing list, with the exception of those previously determined to be no longer deliverable. Additionally, prior to sampling events, notifications will be sent to the owners of the adjacent parcels where monitoring wells are located which are part of the ongoing monitoring program, and copies of analytical data collected on those properties have been, and will continue to be, forwarded to the owners in accordance with 310 CMR 40.1403(10).

Should you have any questions regarding the enclosed information, please feel free to contact either Jason Frigon of Global Companies, LLC or the undersigned at (781) 246-8897.

Sincerely,

ENVIRONMENTAL COMPLIANCE SERVICES, INC.

Matthew Carey
Senior Project Manager

Daniel W. Felten, P.E., LSP, LEP

Senior VP, Technology

FIGURES:

Figure 1 Site Locus

Figure 2 Aerial Overview Plan

Figure 3 Site Plan with Groundwater Elevation Contours (6/7/2016)

GRAPHS:

Graph 1 VPH Concentration vs. Depth to Groundwater – MW-2
Graph 2 VPH Concentration vs. Depth to Groundwater – MW-4
Graph 3 VPH Concentration vs. Depth to Groundwater – OW-12

TABLES:

Table 1 Groundwater Monitoring Program

Table 2 Concentrations of Volatile Petroleum Hydrocarbons (VPH) Detected in

Groundwater

Table 3 Geochemical and Monitored Natural Attenuation Data

Table 4 Lines of Evidence for MNA

Table 5 Public Involvement Plan Mailing List

ATTACHMENTS:

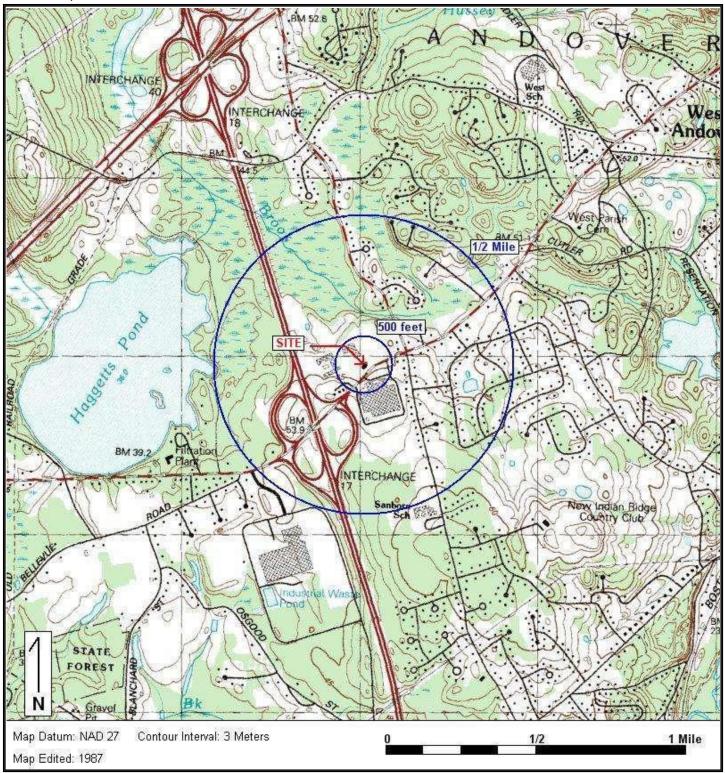
Attachment I Conceptual Site Model
Attachment II Abbreviations and Acronyms
Attachment III Laboratory Analytical Results

Attachment IV Copies of Public Notification Documents



Mobil Station No. 1436 309 Lowell St Andover, MA 1810 Environmental Compliance Services, Inc. 10 State Street Woburn, Massachusetts 01801 Phone 781-246-8897 Fax 781-246-8950 www.ecsconsult.com

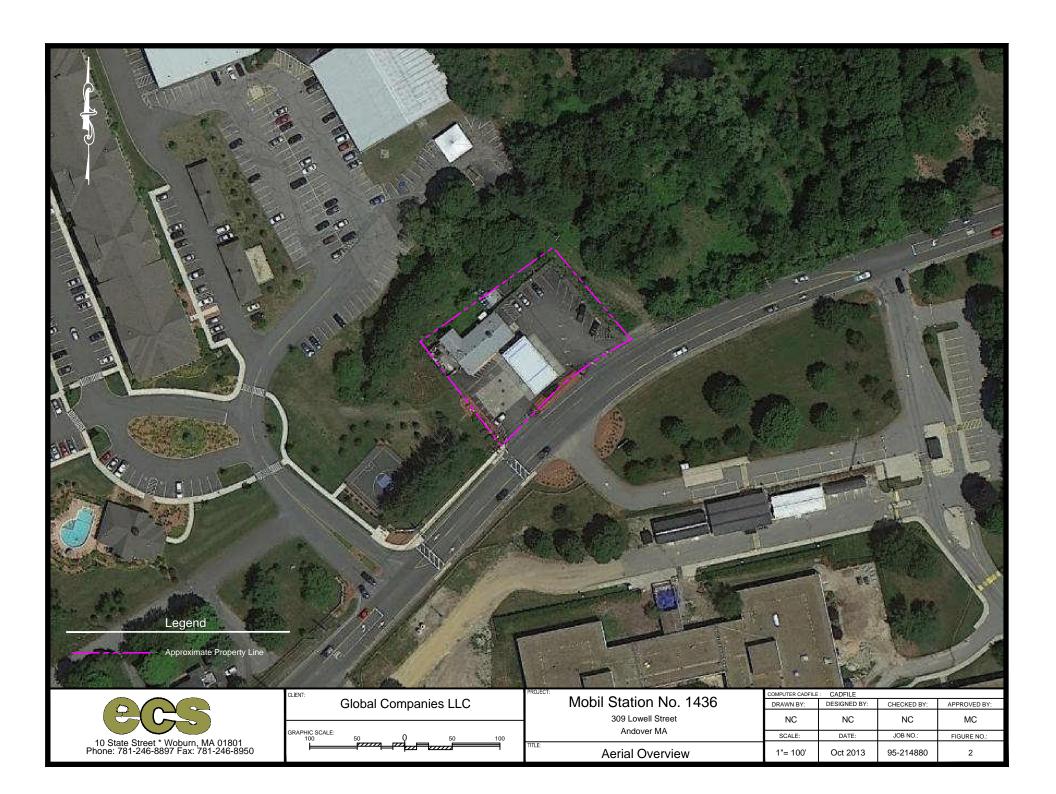
Figure 1: SITE LOCUS

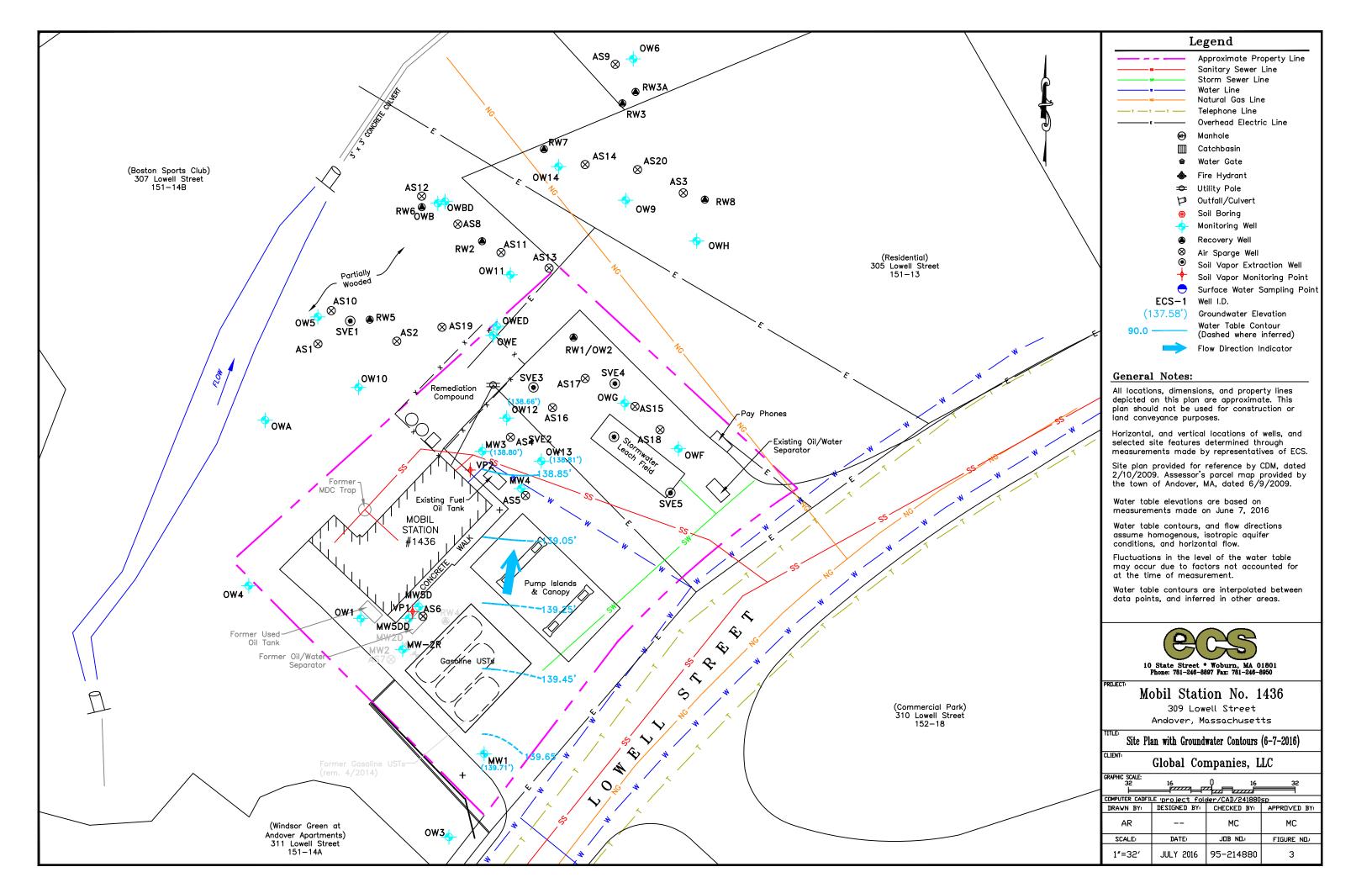


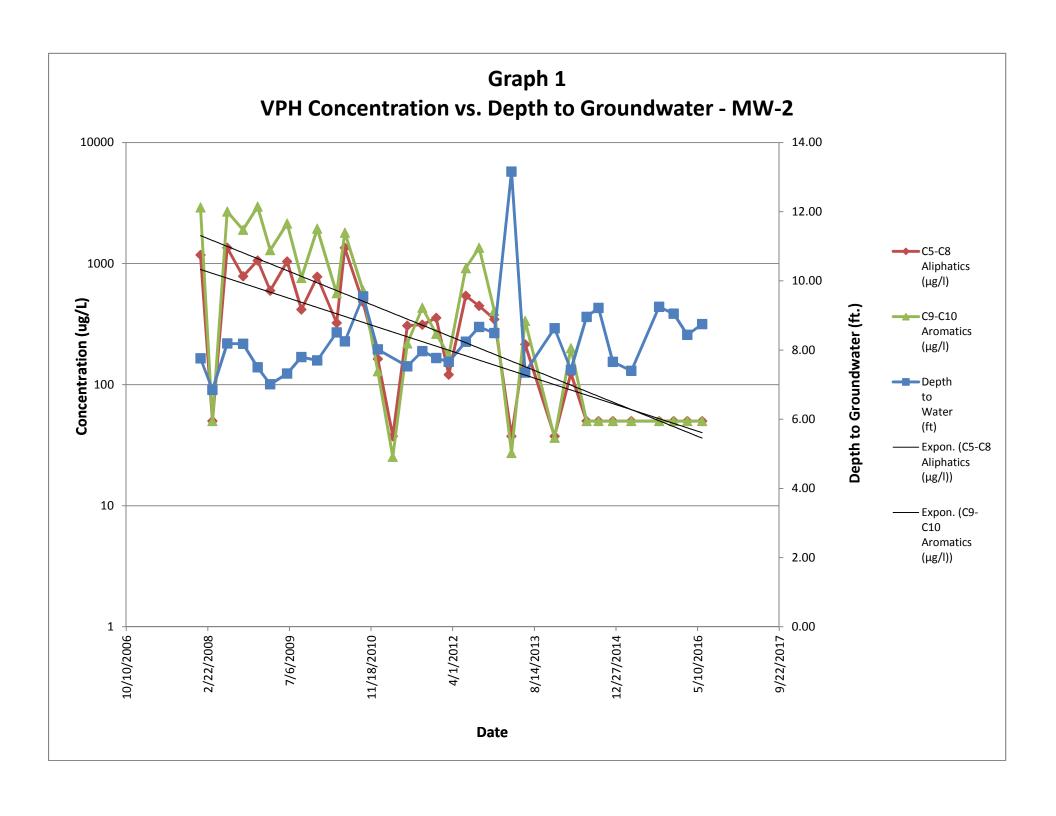
Base Map: U.S. Geological Survey; Quadrangle Location: Lawrence, MA

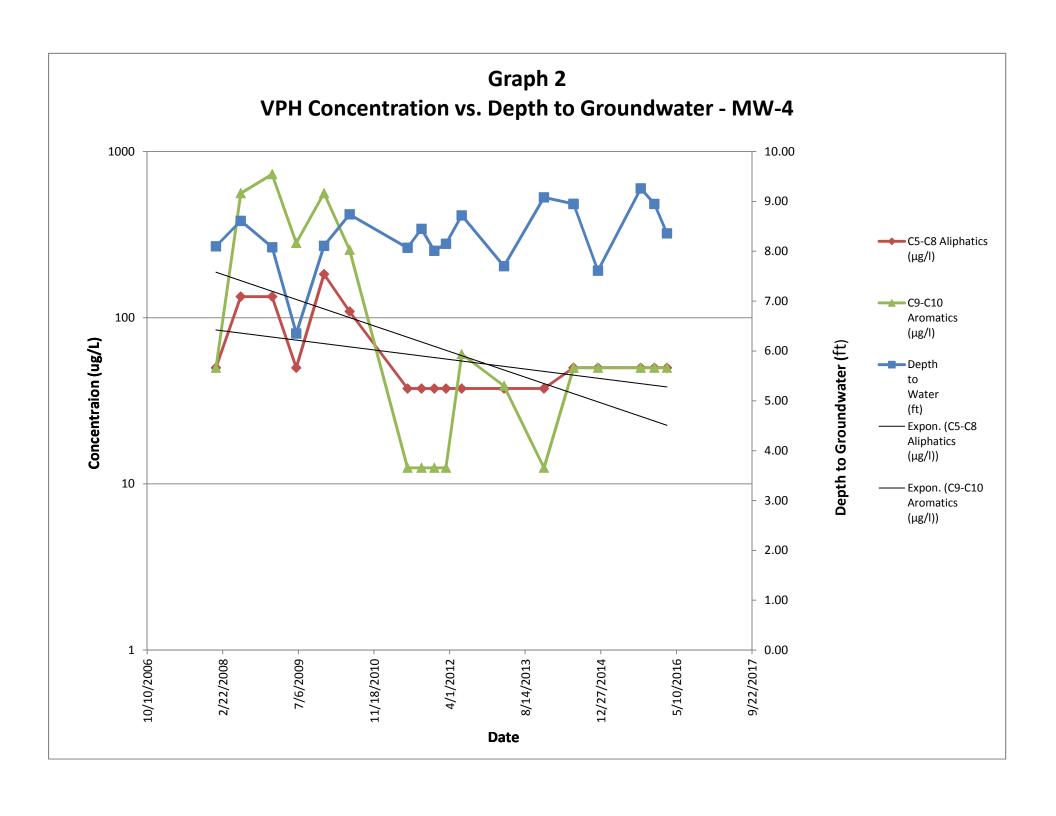
Lat/Lon: 42° 38' 57" NORTH, 71° 10' 58" WEST - UTM Coordinates: 19 321071 EAST / 4724170 NORTH

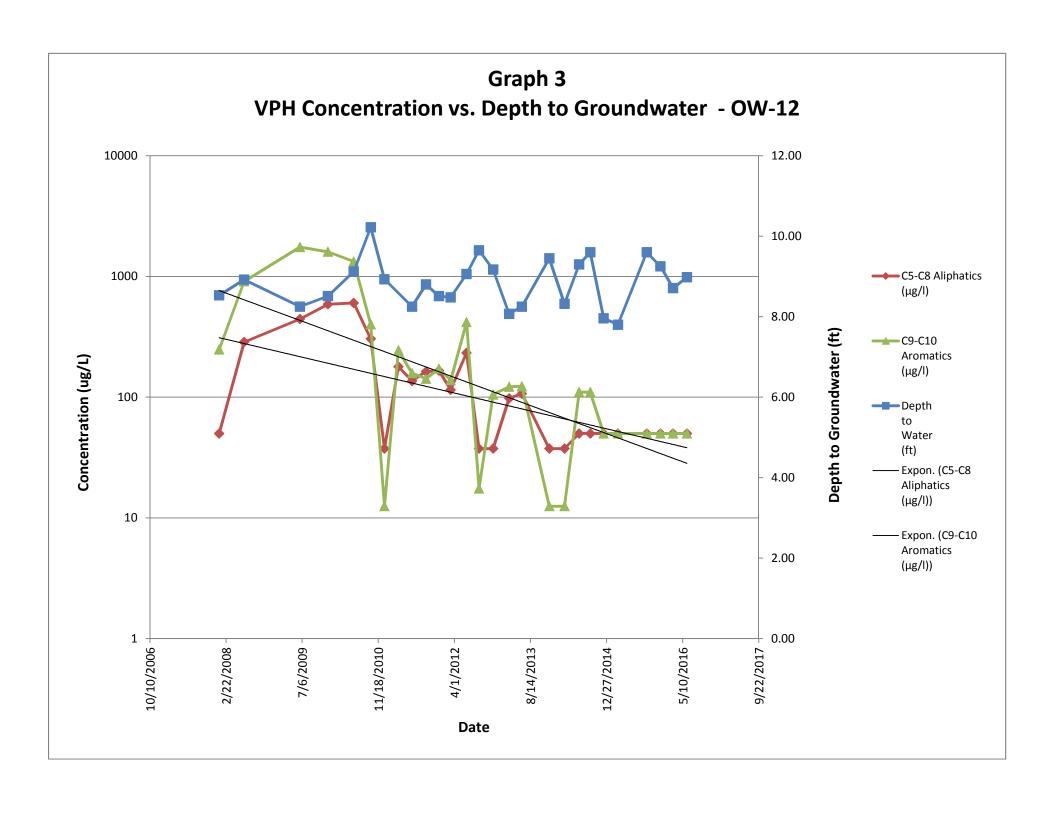
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95-214880 Global Companies, LLC Mobil Station No. 1436 309 Lowell Street Andover, MA		ole 1 onitoring Program
Sampling Date:	March 8, 2016 Quarterly Sampling Event	June 7, 2016 Quarterly Sampling Event
Sample Method:	Low flow sampling	Low flow sampling
Laboratory Analysis:	VPH, methane, nitrate, sulfate, total and dissolved iron and manganese.	VPH, methane, nitrate, sulfate, total and dissolved iron and manganese.
Field Measurements:	Temperature, specific conductivity, Dissolved Oxygen (DO), pH, Oxidation Reduction Potential (ORP), and turbidity	Temperature, specific conductivity, Dissolved Oxygen (DO), pH, Oxidation Reduction Potential (ORP), and turbidity
Laboratory:	Contest Analytical Laboratory of East Longmeadow, MA (Contest)	Contest
Sampling points planned:	7 wells	7 wells
Number of wells gauged:	7 wells	6 wells
Number of wells sampled:	7 wells	6 wells
Completeness:	100%	86%
Wells sampled:	OW-12, OW-13, MW-1, MW-2R, MW-3, MW-4, OW-ED	OW-12, OW-13, MW-1, MW-2R, MW-3 and OW- ED

Well No. (GW Class) Screen	Complement De to	Top of Casing Elevation	Depth to Water	Depth to	Ground Water Elevation	Benzene	Toluene	Ethyl- benzene	Total Xylenes	мтве	Naph- thalene	C ₅ -C ₈ Aliphatics	C ₉ -C ₁₂ Aliphatics	C ₉ -C ₁₀ Aromatics
Interval (ft.)	Sampling Date	(ft)	(ft)	(ft) W-1	(ft)	(μg/l) 5	(μg/l) 1,000	(μg/l) 700	(μg/l) 10,000	(μg/l) 70	(μg/l) 140	(μg/l) 300	(μg/l) 700	(μg/l) 200
MCP Method	d 1 Standards		G	W-2		2,000	50,000	20,000	3,000	50,000	700	3,000	5,000	4,000
OW-1	7/20/1000	140.25		W-3	120.04	10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
(GW-1,2,3)	7/30/1998 9/11/1998	148.35 148.35	8.51 9.41	ND ND	139.84 138.94	<1.0 <1.0	<1.0 <1.0	<1.0	<3	19 29	NA NA	NA NA	NA NA	NA NA
5-15'	10/26/1998	148.35	8.84	ND	139.51	<1.0	<1.0	<1.0	<3	40	NA	NA	NA	NA
	11/13/1998	148.35	9.02	ND	139.33	<1.0	<1.0	<1.0	<3	35	NA	NA	NA	NA
	12/17/1998	148.35	9.15	ND	139.20	<1.0	<1.0	<1.0	<3	37	NA	NA	NA	NA
	1/6/1999 2/9/1999	148.35 148.35	8.69 7.80	ND ND	139.66 140.55	<1.0 <1.0	<1.0 <1.0	<1.0	<3	31 8	NA NA	NA NA	NA NA	NA NA
	3/29/1999	148.35	7.38	ND	140.97	<1.0	<1.0	<1.0	<3	9	NA	NA	NA	NA
	6/24/1999	148.35	8.75	ND	139.60	<1.0	<5	<5	<15	5.5	<5	<100	<100	<100
	11/20/2001	148.35	8.10	ND	140.25	<5.0	<5.0	<5.0	<10	247	<5.0	<50	<50	<50
	2/26/2001 7/16/2001	148.35 148.35	8.30 8.73	ND ND	140.05 139.62	<1.0 <5.0	<5.0 <5.0	<5.0 <5.0	<15 <10	50.8 55.8	<5 <5	<100 <50	<100 <50	<100 <50
	1/22/2002	148.35	9.13	ND	139.02	<5.0	<5.0	<5.0	<10	30.4	<5.0	<50	<50	<50
	5/17/2002	148.35	8.10	ND	140.25	<5.0	<5.0	< 5.0	<10	20.4	< 5.0	<50	<50	<50
	10/2/2002	147.98	9.92	ND	138.06	<2.0	<2.0	<2.0	<4.0	6	<3.0	<50	<50	<50
	11/13/2003	147.98	8.81	ND	139.17	<2.0	<2.0	<2.0	<4.0	5.1	<3.0	<50	<50	<50
OW-3	7/30/1998	149.86	9.21	ND	140.65	<1.0	<1.0	<1.0	<3	5	NA	NA	NA	NA
(GW-1,3)	9/11/1998	149.86	9.92	ND	139.94	<1.0	<1.0	<1.0	<3	3	NA	NA	NA	NA
5-15'	10/26/1998	149.86	9.68	ND	140.18	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	11/13/1998	149.86	9.91	ND ND	139.95	<1.0	<1.0	<1.0	<3	<1.0	NA NA	NA NA	NA NA	NA NA
	12/17/1998	149.86 149.86	9.71 9.60	ND ND	140.15 140.26	<1.0 <1.0	<1.0 <1.0	<1.0	<3	<1.0 <1.0	NA NA	NA NA	NA NA	NA NA
	2/9/1999	149.86	8.15	ND	141.71	<1.0	<1.0	<1.0	<3	11	NA	NA NA	NA NA	NA NA
	3/29/1999	149.86	7.54	ND	142.32	<1.0	<1.0	<1.0	<3	37	NA	NA	NA	NA
	6/24/1999	149.86	9.12	ND	140.74	<1.0	<5.0	<5.0	<15	<5.0	<5.0	<100	<100	<100
	11/20/2000 2/26/2001	149.86 149.86	8.64 9.20	ND ND	141.22 140.66	<5.0 <1.0	<5.0 <5.0	<5.0 <5.0	<10 <15	489 <5.0	<5.0 <5.0	<50 <100	<na <100</na 	<50 <100
	7/16/2001	149.86	9.20	ND	140.86	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<50	<50	<50
	1/22/2002	149.86	9.82	ND	140.04	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<50	<50	<50
	5/18/2004	149.55	9.41	ND	140.14	<1.00	<3.0	<1.0	<6.0	<3.0	< 5.0	<100	<100	<100
	11/17/2004	149.55	NG	NG	NA	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	6/20/2005 12/16/2005	149.55 149.55	9.31 8.86	ND ND	140.24 140.69	<1.00 <1.00	<3.00	<1.00 <1.00	<6.0 <4.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	6/27/2006	149.55	8.11	ND	141.44	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	12/14/2006	149.55	9.36	ND	140.19	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	7/11/2007	149.55	9.80	ND	139.75	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	1/8/2008 6/20/2008	149.55 149.55	9.15 9.65	ND ND	140.4 139.9	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00 <4.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	1/14/2009	149.55	9.03	ND	140.51	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/22/2009	149.55	8.85	ND	140.7	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	12/23/2009	149.55	8.86	ND	140.69	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/10/2010	149.55	9.81	ND	139.74	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
OW-4	7/30/1998	147.61	7.92	ND	139.69	<1.0	<1.0	<1.0	<3	3	NA	NA	NA	NA
(GW-1,3)	9/11/1998	147.61	8.89	ND	138.72	<1.0	<1.0	<1.0	<3	3	NA	NA	NA	NA
2-15'	10/26/1998	147.61	11.98	ND	135.63	<1.0	<1.0	<1.0	<3	99	NA	NA	NA	NA
	11/13/1998 12/17/1998	147.61 147.61	8.35 8.52	ND ND	139.26 139.09	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<3	3 4	NA NA	NA NA	NA NA	NA NA
	1/6/1999	147.61	7.94	ND	139.67	<1.0	<1.0	<1.0	<3	5	NA	NA	NA	NA
	2/9/1999	147.61	7.35	ND	140.26	<1.0	<1.0	<1.0	<3	5	NA	NA	NA	NA
	3/29/1999	147.61	7.15	ND	140.46	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	6/24/1999 11/4/1999	147.61 147.61	8.20 7.84	ND ND	139.41 139.77	<1.0 <1.0	<5.0 <5.0	<5.0 <5.0	<15 <15	82.2 6.2	<5 <5.0	<100 <100	<100 <100	<100 <100
	11/20/2000	147.61	7.65	ND	139.77	<5.0	<5.0	<5.0	<10	50.7	<5.0	<50	<50	<50
	2/26/2001	147.61	7.62	ND	139.99	<1.0	<5.0	<5.0	<15	77.7	<5	<100	<100	<100
	7/16/2001	147.61	8.10	ND	139.51	<5.0	<5.0	<5.0	<10	56	<5	<50	<50	<50
	1/22/2002	147.61	8.37 7.52	ND ND	139.24 140.09	<5.0	<5.0 <5.0	<5.0 <5.0	<10 <10	<5.0	<5.0	<50	<50 <50	<50 <50
	5/7/2002 10/2/2002	147.61 147.61	9.42	ND ND	137.78	<5.0 <2.0	<2.0	<2.0	<4.0	199 4.2	<3.0	<50	<50	<50
	5/10/2003	147.61	7.18	ND	140.02	<1.0	<1.0	<1.0	<1.0	799	NS	NS	NS	NS
	11/12/2003	147.61	7.92	ND	139.28	<2.0	<2.0	<2.0	<2.0	78.4	<3.0	<50	<50	<50
	5/18/2004	147.20	7.82 NG	ND NG	139.38 NA	<1.00	<3.0	<1.0	<6.0	250	<5.0	<100	<100	<100
	11/17/2004 6/20/2005	147.20 147.20	NG 8.05	NG ND	NA 139.15	<1.00 <1.00	<3.0	<1.0	<6.0 <6.0	<3.0 321	<5.0 <5.0	<100 <100	<100 <100	<100 <100
	12/16/2005	147.20	7.41	ND	139.79	<1.00	<3.00	<1.00	<4.00	8.23	<5.00	<100	<100	<100
	6/27/2006	147.20	8.36	ND	138.84	<1.00	<3.00	<1.00	<4.00	23.3	< 5.00	<100	<100	<100
	12/14/2006	147.20	8.02	ND	139.18	<1.00	<3.00	<1.00	<6.00	260	<5.00	<100	<100	<100
	7/11/2007 1/8/2008	147.20 147.20	7.30 7.70	ND ND	139.90 139.50	<1.00 <1.00	<3.00	<1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	6/20/2008	147.20	8.07	ND	139.30	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	1/14/2009	147.20	8.01	ND	139.19	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/22/2009	147.20	7.57	ND	139.63	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	12/23/2009 6/10/2010	147.20 147.20	8.02 8.10	ND ND	139.18 139.1	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100

Andov	er, MA													
Well No. (GW Class) Screen		Top of Casing Elevation	Depth to Water	Depth to LNAPL	Ground Water Elevation	Benzene	Toluene	Ethyl- benzene	Total Xylenes	МТВЕ	Naph- thalene	C ₅ -C ₈ Aliphatics	C ₉ -C ₁₂ Aliphatics	C ₉ -C ₁₀ Aromatics
Interval (ft.)	Sampling Date	(ft)	(ft)	(ft)	(ft)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)
MCP Method	d 1 Standards			W-1 W-2		5 2,000	1,000 50,000	700 20,000	10,000 3,000	70 50,000	140 700	300 3,000	700 5,000	200 4,000
WCI WCHO	a i Standards			W-3		10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
OW-5	1/31/1997	144.43	4.84	ND	139.59	24	1.8	17	15.7	274	NA	NA	NA	NA
(GW-1,3)	4/3/1997	144.43	4.62	ND	139.81	< 0.2	< 0.2	< 0.2	< 0.4	<2.0	NA	NA	NA	NA
1-10'	7/21/1997	144.43	6.18	ND	138.25	6	<1.0	<1.0	<3	290	NA	NA	NA	NA
	10/22/1997	144.43 144.43	7.03	ND	138.25	70	5	10	<3	3,100	NA	NA	NA NA	NA NA
	5/4/1998 7/30/1998	144.43	4.52 5.33	ND ND	139.91 139.10	<1.0 46	<1.0 20	<1.0 36	<3 37	<1.0 1,300	NA NA	NA NA	NA NA	NA NA
	9/11/1998	144.43	6.16	ND	138.27	4	<1.0	<1.0	<3	190	NA	NA	NA	NA
	10/26/1998	144.43	5.38	ND	139.05	4	<1.0	<1.0	<3	54	NA	NA	NA	NA
	11/13/1998	144.43	5.48	ND	138.95	2	<1.0	<1.0	<3	29	NA	NA	NA	NA
	12/17/1998	144.43	5.76	ND	138.67	3	<1.0	<1.0	<3	52	NA	NA	NA	NA
	1/6/1999 2/9/1999	144.43 144.43	5.23 4.70	ND ND	139.20 139.73	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<3	2 2	NA NA	NA NA	NA NA	NA NA
	3/29/1999	144.43	4.70	ND	139.73	1	<1.0	<1.0	<3	9	NA	NA NA	NA NA	NA
	6/24/1999	144.43	5.65	ND	138.78	7	<5.0	<5.0	<15	86.8	<5.0	<100	<100	<100
	11/4/1999	144.43	4.96	ND	139.47	<1	< 5.0	< 5.0	<15	< 5.0	< 5.0	<100	<100	<100
	1/3/2000	144.43	5.23	ND	139.20	<1	< 5.0	< 5.0	<15	< 5.0	< 5.0	<100	<100	<100
	4/14/2000	144.43	4.89	ND	139.54	<1	<5.0	<5.0	<15	<5.0	<5.0	<100	<100	<100
	1/22/2002 5/7/2002	144.43 144.43	5.81 4.66	ND ND	138.62 139.77	<5.0 <5.0	<5.0 <5.0	<5.0 <5.0	<10 <10	72.8 <5.0	<5.0 <5.0	<50 <50	<50 <50	<50 <50
	10/2/2002	144.43	6.39	ND ND	139.77	<2.0	<2.0	<2.0	<4.0	<2.0	<3.0	<50	<50	<50
	5/18/2004	143.66	5.05	ND	138.61	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	11/17/2004	143.66	NG	NG	NA	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	6/20/2005	143.66	6.3	ND	137.36	<1.00	<3.0	<1.0	< 6.0	<3.0	< 5.0	<100	<100	<100
	12/15/2005	143.66	7.79	ND	135.87	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	6/27/2006 12/14/2006	143.66 143.66	4.11 5.12	ND ND	139.55 138.54	<1.00 <1.00	<3.00	3.83 <1.00	<4.00 <6.00	253 6.87	<5.00 <5.00	<100 <100	<100 <100	534 <100
	7/10/2007	143.66	5.12	ND	138.34	<1.00	<3.00	14.6	4.12	12.1	<5.00	287	344	588
	10/17/2007	143.66	6.03	ND	137.63	5.06	3.85	10.2	7.20	18.8	<5.00	<100	127	57.9
	1/8/2008	143.66	4.76	ND	138.9	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	3/21/2008	143.66	4.01	ND	139.65	<1.00	<3.00	<1.00	< 6.00	< 3.00	< 5.00	<100	<100	<100
	6/20/2008	143.66	5.17	ND	138.49	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	9/25/2008	143.66	5.20	ND ND	138.46 139.36	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100 <100	<100	<100 <100
	12/18/2008 3/10/2009	143.66 143.66	4.30 4.13	ND ND	139.56	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100	<100 <100	<100
	6/22/2009	143.66	4.48	ND	139.18	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	9/17/2009	143.66	5.04	ND	138.62	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	12/23/2009	143.66	4.95	ND	138.71	<1.00	<3.00	<1.00	< 6.00	< 3.00	< 5.00	<100	<100	<100
	4/21/2010	143.66	4.83	ND	138.83	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	6/11/2010	143.66	5.21	ND	138.45	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
OW-6	4/3/1997	146.43	9.92	ND	136.51	16	ND	44	28.6	1,720	NA	NA	NA	NA
(GW-1,3)	7/21/1997	146.43	10.71	ND	135.72	340	370	63	250	11,000	NA	NA	NA	NA
1-15'	10/22/1997	146.43	11.38	ND	135.05	2,200	4,400	310	2,300	14,000	NA	NA	NA	NA
	5/4/1998	146.43	7.26	ND	139.17	22	2	73	<3	570	NA	NA	NA	NA
	9/11/1998	146.43	11.39	ND	135.04	31	<1.0	18	<3	2,600	NA	NA	NA	NA
	3/29/1999 6/24/1999	146.43 146.43	7.25 15.00	ND ND	139.18 131.43	<1.0 <1.0	<1.0 <5.0	<1.0 <5.0	<3 <15	6.6	NA <5.0	NA <100	NA <100	NA <100
	11/4/1999	146.43	7.60	ND	138.83	102	5.9	170	295.2	15,500	55.6	<2,000	<2,000	2,300
	1/3/2000	146.43	7.65	ND	138.78	290	<25	161	501	21,700	59	<500	1,090	3,500
	2/16/2000	146.43	9.07	ND	137.36	286	<25	194	659	12,700	52	< 500	1,480	3,050
	2/25/2000	146.43	6.97	ND	139.46	270	8	190	650	11,000	NS	NS	NS	NS
	4/14/2000	146.43	NG	NG	NA	26.8	<5.0	<5.0	<15	2,210	<5.0	<100	<100	<100
	8/21/2000 11/20/2000	146.43 146.43	9.41 9.00	ND ND	137.02 137.43	51.3 <5	<5.0 <5.0	33.4 <5.0	<17.1 <10	4,120 216	<5.0 <5.0	<100 <50	<100 <50	150 <50
	2/26/2001	146.43	8.82	ND	137.43	5	<5.0	<5	<15	156	<5.0	<100	<100	<100
	7/16/2001	146.43	9.72	ND	136.71	17.7	<10	36.2	<20	6,370	11.1	<100	151	272
	1/22/2002	146.43	9.91	ND	136.52	< 5.0	<5.0	< 5.0	<10	13.7	< 5.0	<50	<50	< 50
	5/7/2002	146.43	8.74	ND	137.69	74	34.3	116	191	1,380	24	<50	274	841
	5/10/2003	147.09	5.53 NG	ND NG	141.56 NA	<2.0	<2.0	<2.0	<4.0	28.2	<3.0	<50	<50	<50
	11/12/2003 5/18/2004	147.09 147.09	NG 9.05	NG ND	NA 138.04	<2.0 <1.00	<2.0	<2.0 <1.0	<4.0 <6.0	3.8 15.4	< 3.0 <5.0	<50 <100	<50 <100	<50 <100
	11/19/2004	147.09	9.05 NG	NG	NA	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	6/2/2005	147.09	8.92	ND	138.17	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	12/16/2005	147.09	7.68	ND	139.41	<1.00	<3.00	<1.00	<4.00	< 3.00	< 5.00	<100	<100	<100
	6/27/2006	147.09	7.81	ND	139.28	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
			0.73	ND	138.37	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	12/13/2006	147.09	8.72	3775		<1.00	<3.00	<1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	12/13/2006 7/10/2007	147.09	9.08	ND ND	138.01		-3 nn				· \J.00		\100	
	12/13/2006 7/10/2007 10/17/2007	147.09 147.09	9.08 10.59	ND	136.5	<1.00	<3.00							<100
	12/13/2006 7/10/2007	147.09	9.08				<3.00 <3.00 <3.00	<1.00 <1.00 <1.00	<6.00 <6.00	<3.00 <3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	12/13/2006 7/10/2007 10/17/2007 1/8/2008	147.09 147.09 147.09	9.08 10.59 8.41	ND ND	136.5 138.68	<1.00 <1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	
	12/13/2006 7/10/2007 10/17/2007 1/8/2008 3/21/2008 6/20/2008 9/25/2008	147.09 147.09 147.09 147.09 147.09 147.09	9.08 10.59 8.41 7.86 8.87 8.98	ND ND ND ND	136.5 138.68 139.23 137.56 137.45	<1.00 <1.00 <1.00 <1.00 <1.00	<3.00 <3.00 <3.00 <3.00	<1.00 <1.00 <1.00 <1.00	<6.00 <6.00 <6.00 <6.00	<3.00 <3.00 <3.00 <3.00	<5.00 <5.00 <5.00 <5.00	<100 <100 <100 <100	<100 <100 <100 <100	<100 <100 <100
	12/13/2006 7/10/2007 10/17/2007 1/8/2008 3/21/2008 6/20/2008 9/25/2008 12/18/2008	147.09 147.09 147.09 147.09 147.09 147.09 147.09	9.08 10.59 8.41 7.86 8.87 8.98 8.04	ND ND ND ND ND ND	136.5 138.68 139.23 137.56 137.45 138.39	<1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<3.00 <3.00 <3.00 <3.00 <3.00	<1.00 <1.00 <1.00 <1.00 <1.00	<6.00 <6.00 <6.00 <6.00	<3.00 <3.00 <3.00 <3.00 <3.00	<5.00 <5.00 <5.00 <5.00 <5.00	<100 <100 <100 <100 <100	<100 <100 <100 <100 <100	<100 <100 <100 <100
	12/13/2006 7/10/2007 10/17/2007 1/8/2008 3/21/2008 6/20/2008 9/25/2008 12/18/2008 3/10/2009	147.09 147.09 147.09 147.09 147.09 147.09 147.09 147.09	9.08 10.59 8.41 7.86 8.87 8.98 8.04 7.94	ND	136.5 138.68 139.23 137.56 137.45 138.39 138.49	<1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<3.00 <3.00 <3.00 <3.00 <3.00 <3.00	<1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<6.00 <6.00 <6.00 <6.00 <6.00 <6.00	<3.00 <3.00 <3.00 <3.00 <3.00 <3.00	<5.00 <5.00 <5.00 <5.00 <5.00 <5.00	<100 <100 <100 <100 <100 <100	<100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <100 <100
	12/13/2006 7/10/2007 10/17/2007 1/8/2008 3/21/2008 6/20/2008 9/25/2008 12/18/2008 3/10/2009 6/22/2009	147.09 147.09 147.09 147.09 147.09 147.09 147.09 147.09 147.09 147.09	9.08 10.59 8.41 7.86 8.87 8.98 8.04 7.94 8.3	ND	136.5 138.68 139.23 137.56 137.45 138.39 138.49 138.13	<1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00	<1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<6.00 <6.00 <6.00 <6.00 <6.00 <6.00	<3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00	<5.00 <5.00 <5.00 <5.00 <5.00 <5.00 <5.00	<100 <100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <100 <100 <100
	12/13/2006 7/10/2007 10/17/2007 10/17/2007 1/8/2008 3/21/2008 6/20/2008 9/25/2008 12/18/2008 3/10/2009 6/22/2009 9/17/2009	147.09 147.09 147.09 147.09 147.09 147.09 147.09 147.09 147.09 147.09	9.08 10.59 8.41 7.86 8.87 8.98 8.04 7.94 8.3 8.80	ND N	136.5 138.68 139.23 137.56 137.45 138.39 138.49 138.13	<1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00	<1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<6.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00	<3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00	<5.00 <5.00 <5.00 <5.00 <5.00 <5.00 <5.00 <5.00 <5.00	<100 <100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <100 <100 <100 <100
	12/13/2006 7/10/2007 10/17/2007 1/8/2008 3/21/2008 6/20/2008 9/25/2008 12/18/2008 3/10/2009 6/22/2009	147.09 147.09 147.09 147.09 147.09 147.09 147.09 147.09 147.09 147.09	9.08 10.59 8.41 7.86 8.87 8.98 8.04 7.94 8.3	ND	136.5 138.68 139.23 137.56 137.45 138.39 138.49 138.13	<1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00	<1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<6.00 <6.00 <6.00 <6.00 <6.00 <6.00	<3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00	<5.00 <5.00 <5.00 <5.00 <5.00 <5.00 <5.00	<100 <100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <100 <100 <100

Well No. (GW Class)		Top of Casing	Depth to	Depth to	Ground Water			Ethyl-	Total		Naph-	C ₅ -C ₈	C ₉ -C ₁₂	C ₉ -C ₁₀
Screen Interval (ft.)	Sampling Date	Elevation (ft)	Water (ft)	LNAPL (ft)	Elevation (ft)	Benzene (µg/l)	Toluene (µg/l)	benzene (µg/l)	Xylenes (μg/l)	MTBE (μg/l)	thalene (µg/l)	Aliphatics (μg/l)	Aliphatics (µg/l)	Aromatics (µg/l)
				W-1		5	1,000	700	10,000	70	140	300	700	200
MCP Method	d 1 Standards			W-2		2,000	50,000	20,000	3,000	50,000	700	3,000	5,000	4,000
	,			W-3		10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
OW-7	5/20/1998	145.82	5.49	ND	140.33	<1	<1	<1	<3	<1	NA	NA	NA	NA
(GW-1,3) 1-15'	10/26/1998 11/13/1998	145.82 145.82	7.69 7.65	ND ND	138.13 138.17	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<3	<1.0	NA NA	NA NA	NA NA	NA NA
1-15	12/17/1998	145.82	7.92	ND	137.90	<1.0	<1.0	<1.0	<3	2	NA NA	NA NA	NA NA	NA NA
	1/6/1999	145.82	7.35	ND	138.47	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA NA	NA NA
	2/9/1999	145.82	7.05	ND	138.77	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	3/29/1999	145.82	6.88	ND	138.94	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	6/24/1999	145.82	8.67	ND	137.15	<1.0	< 5.0	< 5.0	<15	9.3	< 5.0	<100	<100	<100
	2/16/2000	145.82	7.15	ND	138.67	<1.0	< 5.0	< 5.0	<15	< 5.0	< 5.0	<100	<100	<100
	11/20/2000	145.82	7.45	ND	138.37	< 5.0	< 5.0	< 5.0	<10	< 5.0	< 5.0	< 50	<50	<50
	1/22/2002	145.82	8.10	ND	137.72	<5.0	<5.0	<5.0	<10	<5.0	< 5.0	<50	<50	<50
	5/7/2002	145.82	7.17	ND	138.65	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<50	<50	<50
	10/2/2002	145.42	8.32	ND	137.10	<2.0	<2.0	<2.0	<4.0	2.5	<3.0	<50	<50	<50
OW-8	5/20/1998	146.28	7.69	ND	138.59	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
(GW-1,3)	7/30/1998	146.28	8.18	ND	138.10	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
2-15'	9/11/1998	146.28	8.75	ND	137.53	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	10/26/1998	146.28	8.09	ND	138.19	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	11/13/1998	146.28	8.07	ND	138.21	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	12/17/1998	146.28	8.33	ND	137.95	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	1/6/1999	146.28	7.75	ND	138.53	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	2/9/1999 3/29/1999	146.28 146.28	7.48	ND ND	138.80 139.05	<1.0 <1.0	<1.0 <1.0	<1.0	<3	<1.0	NA NA	NA NA	NA NA	NA NA
	6/24/1999	146.28	8.46	ND	137.82	<1.0	<5.0	<5.0	<15	<5.0	<5.0	<100	<100	<100
	11/20/2000	146.28	7.81	ND	138.47	<5.0	<5.0	<5.0	10	<5.0	<5.0	<50	<50	<50
	1/22/2002	146.28	8.43	ND	137.85	<5.0	<5.0	<5.0	10	<5.0	<5.0	<50	<50	<50
OW-9	7/30/1998	147.49	8.60	ND	138.89	<1.0	<1.0	<1.0	<3	24	NA	NA	NA	NA
(GW-1,3)	9/11/1998	147.49	9.23	ND	138.26	<1.0	<1.0	<1.0	<3	6	NA	NA	NA	NA
1-15'	10/26/1998	147.49	8.60	ND	138.89	<1.0	<1.0	<1.0	<3	3	NA	NA	NA	NA
	11/13/1998	147.49	8.64 8.94	ND	138.85	<1.0	<1.0	<1.0	<3	2 4	NA	NA	NA	NA
	1/6/1999	147.49 147.49	8.94	ND ND	138.55 139.22	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<3	2	NA NA	NA NA	NA NA	NA NA
	2/9/1999	147.49	7.88	ND	139.61	<1.0	<1.0	<1.0	<3	18	NA	NA	NA NA	NA NA
	3/29/1999	147.49	7.79	ND	139.70	<1.0	<1.0	<1.0	<3	1	NA	NA	NA	NA
	6/24/1999	147.49	9.09	ND	138.40	2.6	<5	<5	61.5	27.3	8.4	<100	<100	<100
	11/4/1999	147.49	8.18	ND	139.31	8.6	97.3	39.3	191.4	1,830	6.2	<100	100	180
	1/3/2000	147.49	8.44	ND	139.05	<1.0	< 5.0	< 5.0	<15	592	< 5.0	<100	<100	<100
	4/14/2000	147.49	NG	NG	NA	18.6	20	30.6	101.6	670	< 5.0	<100	220	290
	8/21/2000	147.49	9.53	ND	137.96	<1.0	<5.0	<5.0	<15	<5.0	<5.0	<100	<100	<100
	11/20/2000 2/26/2001	147.49 147.49	8.95 8.72	ND ND	138.54 138.77	<5.0 14.8	<5.0 <5.0	<5.0 18.2	<10 <15	726 393	<5.0 <5.0	<50 <100	<50 <100	<50 <100
	1/22/2002	147.49	10.18	ND	137.31	<5.0	<5.0	<5.0	<10	10.8	<5.0	<50	<50	<50
	11/12/2002	147.49	9.45	ND	137.95	<2.0	<2.0	<2.0	<2.0	6.1	<3.0	<50	<50	<50
	5/18/2004	147.40	9.10	ND	138.30	<1.00	<3.0	1.1	<6.0	29.4	<5.0	<100	<100	<100
	11/19/2004	147.40	NG	NG	NA	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	6/2/2005	147.40	8.07	ND	139.33	<1.00	<3.0	<1.0	<6.0	<3.0	< 5.0	<100	<100	<100
	12/16/2005	147.40	8.07	ND	139.33	<1.00	< 3.00	<1.00	<4.00	<3.00	< 5.00	<100	<100	<100
	6/27/2006	147.40	9.05	ND	138.35	<1.00	<3.00	<1.00	<4.00	<3.00	< 5.00	<100	<100	<100
	7/10/2007	147.40	9.25	ND	138.15	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	1/8/2008	147.40	8.39	ND	139.01	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/20/2008 12/18/2008	147.40 147.40	9.03 8.15	ND ND	138.37 139.25	<1.00 <1.00	<3.00	<1.00 <1.00	<4.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	6/22/2009	147.40	8.41	ND	139.23	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	12/23/2009	147.40	8.53	ND	138.87	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/11/2010	147.40	9.24	ND	138.16	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100

95-214880 Global Companies LLC Table 2 Mobil Station No. 1436 Concentrations of Volatile Petroleum Hydrocarbons (VPH) 309 Lowell Street Detected in Groundwater Andover, MA Well No. Ground Top of Depth C5-C8 C9-C12 Depth to Ethyl-Total C9-C10 (GW Class) Casing Water Naph-Screen Interval (ft.) Elevatio Water LNAPL (ft) Elevation (ft) Toluen MTRE thalen Aliphatics (µg/l) Aliphatics Sampling Date (μg/l) (ft) (µg/l) (µg/l) (μg/l) (ft) $(\mu g/l)$ $(\mu g/l)$ $(\mu g/l)$ $(\mu g/l)$ 1,000 700 10,000 300 140 MCP Method 1 Standards GW-2 2.000 50,000 20,000 3,000 50.000 700 3.000 5.000 4.000 GW-3 10,000 40,000 5,000 5,000 50,000 20,000 50,000 50,000 50,000 OW-10 146.59 4/3/1997 6.44 ND 19 (GW-1.3) 7/21/1997 146.59 8.64 ND 34 46 8 340 NA NA NA NA 10/22/199 146.59 9.58 ND 137.01 230 420 240 890 12,000 NA NA NA NA Total depth 5/4/1998 146.59 7.09 ND 139.50 21 35 NA NA NA NA 60 1,500 380 7/30/1998 146.59 138.74 90 90 NA NA NA 7.85 ND NA 9/11/1998 146 59 9.70 ND 136.89 40 50 95 640 NA NA NA NA 880 10/26/1998 146.59 7.87 ND 138.72 120 39 98 240 NA NA NA NA 11/13/1998 146.59 8.01 ND 138.58 19 73 200 630 NA NA NA NA 146.59 51 NA 12/17/1998 8.28 ND 138.31 55 99 390 NA NA NA 1/6/1999 7.68 146.59 138.91 100 <20 110 170 840 NA NA NA ND NA 2/9/1999 146.59 7.15 ND 139.44 28 25 470 NA NA NA NA 57 3/29/1999 146.59 6.96 139.63 89 90 NA NA NA 6/24/1999 146.59 8.13 7.52 ND 138.46 122 59 133 389 938 < 500 < 500 < 500 23.3 ND < 5.0 18.5 <100 <100 139.07 <15 7.76 7.32 1/3/2000 146.59 ND 138.83 39 < 5.0 25.6 <15 204 < 5.0 <100 <100 110 7.5 < 5.0 2/16/2000 146.59 ND < 5.0 67.9 <100 <100 139.27 <15 < 5.0 <100 146.59 7.39 ND 139.20 41.7 57.6 35.4 76.2 266 <100 <100 4/14/2000 < 5.0 110 171 8/21/2000 146.59 8.05 ND 138.54 107 614 671 2,610 < 500 590 840 11/20/2000 146.59 ND 139.08 194 1,410 14,900 83.8 1,420 1,580 <100 2/26/2001 146.59 ND 139.26 16 < 5.0 21.5 39.9 556 6.3 <100 <100 7/16/2001 146 59 8.16 ND 138 43 <50 < 50 <100 749 < 50 < 500 < 500 < 500 10/2/2002 146.31 8.92 ND 137.39 < 2.0 < 2.0 < 2.0 <4.0 110 < 3.0 < 50 < 50 < 50 11/13/2003 146.31 7.71 ND 138.60 20 <2.0 <2.0 <4.0 <3.0 <50 <50 <50 336 5/18/2004 146.31 ND 138.76 <14.3 < 3.0 6.2 < 5.0 <100 <100 <100 193 <1.00 <1.0 < 6.0 <100 <100 <100 6/2/2005 146.31 7.55 ND 138.76 6.4 3.8 10.5 216 < 5.0 <100 <100 <100 7.30 12/15/2005 146.31 ND 139.01 <1.00 < 3.00 < 4.00 <5.00 <100 <100 65.9 6/27/2006 146 31 6.50 ND 139.81 <1.00 <3.00 <1.00 <4.00 14.2 <5.00 <100 <100 <100 12/14/2006 146.31 7.65 ND 138.66 < 1.00 < 3.00 6.13 30.4 48.7 < 5.00 <100 140 276 146.31 7.89 138.42 <3.00 14.78 < 5.00 186 7/10/2007 ND 11.4 257 415 10/17/2007 146.31 8.58 ND 137.73 25.4 5.84 120 16.48 20.5 < 5.00 865 621 343 1/8/2008 < 5.00 <100 3/21/2008 146.31 6.43 ND 139.88 < 1.00 < 3.00 < 1.00 < 6.00 < 3.00 < 5.00 <100 <100 <100 146.31 ND 10.59 <5.00 <100 6/20/2008 138.64 < 3.00 < 3.00 <100 <100 9/25/2008 146.31 7.70 ND 138.61 10.3 < 3.00 28.0 17.57 4.17 < 5.00 147 <100 132 12/18/2008 146.31 6.80 ND 139.51 <1.00 <3.00 4.16 23.44 < 3.00 < 5.00 <100 <100 <100 3/10/2009 146.31 6.61 ND 139.70 < 1.00 < 3.00 < 1.00 < 6.00 < 3.00 < 5.00 <100 <100 <100 7.00 2.82 146.31 ND 139.31 1.88 <3.00 < 5.00 <100 6/22/2009 10.2 < 3.00 <100 59.4 <1.00 <3.00 < 5.00 9/17/2009 146.31 7.40 ND 138.91 <1.00 < 3.00 < 6.00 <100 <100 <100 7.35 <1.00 9.37 87.9 12/23/2009 146.31 ND 138.96 < 3.00 2.55 < 3.00 < 5.00 <100 <100 7.16 <100 122 4/21/2010 146.31 ND 139.15 <1.00 <3.00 <1.00 <6.00 <3.00 < 5.00 <100 <100 6/11/2010 146.31 ND 138.50 5.20 < 3.00 29.0 < 6.00 < 3.00 < 5.00 <100 114 6/28/2011 ND 139.06 <5.0 < 5.0 < 5.0 <10.0 146.31 7.21 <25.0 3/8/2012 146.31 ND 139.10 < 5.0 < 5.0 < 5.0 <10.0 < 5.0 < 5.0 <25.0 6/20/2012 146.31 7.81 ND 138.50 < 5.0 < 5.0 9/10/2012 146.31 6.60 ND 139.71 < 5.0 < 5.0 <15.0 < 5.0 < 5.0 137.41 <75.0 <25.0 <25.0 146.31 ND 6/19/2013 146.31 7.05 ND 139.26 < 5.0 < 5.0 <15.0 < 5.0 < 5.0 <75.0 <25.0 138.20 < 5.0 <15.0 3/31/2015 146.31 6.64 ND 139.67 <1.0 <1.0 <1.0 < 3.0 <100 <100 <100 OW-11 11/20/2000 145.88 9.67 ND 136.21 14.6 < 5.0 < 5.0 <10 4,320 < 5.0 <50 < 50 88.2 (GW-1,3)5/18/2004 147.24 8.48 ND 138.76 <1.0 < 3.0 <1.0 < 6.0 14.1 < 5.0 <100 <100 <100 5-20' 143.71 <1.00 <3.00 <1.00 <3.00 <100 <100 DESTROYED OW-12 34.9 34.6 987 10/2/2002 147.64 10.13 ND 137.51 <2.0 120 50.1 3,420 < 50 276 (GW-1,3)11/13/2003 147.64 8.95 ND 138.69 2.8 4.8 147 458 167 26.9 < 50 < 50 754 5-18' ND 1.20 1,229 6/20/2005 147.64 8.66 138.98 82.3 493 <1,000 3,460 290 646 7.98 7.7 12/16/2005 147.64 ND 139.66 < 1.00 < 3.00 < 4.00 < 3.00 < 5.00 <100 <100 <100 147.64 ND 139.94 <1.00 < 3.00 <1.00 <4.00 <3.00 < 5.00 <100 <100 6/27/2006 12/14/2006 147.64 8.75 ND 138.89 <1.00 < 3.00 < 1.00 < 6.00 < 3.00 < 5.00 <100 <100 7/11/2007 147.64 9.24 ND 138.40 <1.00 < 3.00 12.3 < 6.00 < 3.00 < 5.00 <100 117 127 <3.00 1/8/2008 147.64 8.53 ND 139.11 <1.00 <3.00 <1.00 <6.00 < 5.00 <100 <100 248 6/20/2008 147.64 8.92 ND 138.72 1.23 < 3.00 52.9 4.33 3.18 < 5.00 286 910 6/22/2009 147.64 ND 139.39 <1.00 <3.00 2.89 <6.00 <3.00 6.83 444 1,060 1,750 12/23/2009 147.64 8.51 ND 139.13 1.42 < 3.00 3.49 < 6.00 < 3.00 8.13 588 < 0.5 1,600 6/10/2010 9.12 ND 138.5 11.6 <3.00 603 < 0. 147.64 1,330 32.3 137.42 9/30/2010 147.64 10.22 ND 15.6 <10.0 <10.0 <30.0 <10 304 884 400 147.64 8.93 ND 138.71 < 5.00 <5.00 < 5.00 <15.00 < 5.00 3/31/2011 147.64 8.02 ND 139.62 < 5.00 < 5.00 < 5.00 < 5.00 < 5.00 17.7 459 244 328 < 5.0 < 5.0 <10.0 6/28/2011 9/28/2011 147.64 8.80 ND 138.84 < 5.0 <10.0 15.2 163 291 142 147.64 8.51 ND < 5.0 < 5.0 19.0 403 12/22/201 139.13 <10.0 < 5.0 166 3/8/2012 147.64 8 48 ND 139.16 < 5.0 < 5.0 <10.0 16.8 163 138 6/20/2012 147.64 9.06 ND 138.58 < 5.0 < 5.0 < 5.0 <15.0 < 5.0 35.9 233 217 418 9/10/2012 147 64 9.65 ND 137.99 < 5.0 < 5.0 <15.0 <75 12/12/2012 147.64 9.17 ND 138.47 < 5.0 < 5.0 <15.0 < 5.0 84.1 105 97.9 147.64 8.07 139.57 < 5.0 <15.0 19.8 101 6/19/2013 147.64 8.25 ND 139.39 < 5.0 < 5.0 < 5.0 <15.0 < 5.0 18.4 107 118 123 9.45 12/16/2013 147.64 ND 138.19 < 5.0 < 5.0 < 5.0 <15.0 < 5.0 < 5.0 <75 <25 <25 3/26/2014 147.64 8.32 ND 139.32 < 5.0 < 5.0 < 5.0 <15.0 < 5.0 < 5.0 <75 9.30 <100 6/30/2014 ND 138.34 <1.0 <1.0 <1.0 <100 110 <1.0 < 5.0 147.64 < 2.0 9/11/2014 147.64 9.60 ND 138.04 <1.0 < 1.0 <1.0 <2.0 <1.0 < 5.0 <100 <100 110 147.64 7.96 <100 12/8/2014 ND 139.68 <1.0 <1.0 <1.0 < 3.0 <1.0 < 5.0 110 <100

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3/12/2015

9/17/2015

12/16/2015

3/8/2016

6/7/2016

147.64

147.64

147.64

147.64

147.64

7.80

9.60

9.25

8.71

8.98

ND

ND

ND

ND

ND

139.84

138.04

138.39

138.93

138.66

<1.0

<1.0

<1.0

<1.0

<1.0

Alluove	er, MA													
Well No. (GW Class) Screen Interval (ft.)	Sampling Date	Top of Casing Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	Ground Water Elevation (ft)	Benzene (µg/l)	Toluene (μg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	Naph- thalene (µg/l)	C ₅ -C ₈ Aliphatics	C ₉ -C ₁₂ Aliphatics (µg/l)	C ₉ -C ₁₀ Aromatics (µg/l)
Intervat (jt.)	Sampling Date	(11)		W-1	(11)	(μg/1) 5	1,000	700	10,000	70	(μg/1) 140	(μg/l) 300	(μg/1) 700	(μg/1) 200
MCP Method	d 1 Standards			W-2		2,000	50,000	20,000	3,000	50,000	700	3,000	5,000	4,000
				W-3		10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
OW-13	10/2/2002	147.67	10.02	ND	137.65	2.7	5.6	58.4	85.6	7.3	14.2	<50	<50	206
(GW-1,3)	6/20/2005	147.67	8.40	ND	139.27 140.02	< 1.00	57.5 <3.00	688	3,933	1,130	286	933 J	<2,500	6,840
5-20'	12/16/2005 6/27/2006	147.67 147.67	7.65 8.51	ND ND	139.16	<1.00 <1.00	<3.00	64.0 58.6	572 82.9	<3.00 3.77	27.0 15.8	166 <100	1230 590	998 518
	12/14/2006	147.67	8.64	ND	139.03	<1.00	<3.00	157	258.9	<3.00	104	559	2,000	3,970
	7/11/2007	147.67	9.18	ND	138.49	<1.00	3.95	205	844	<3.00	125	467	4,480	4,570
	10/17/2007	147.67	9.69	ND	137.98	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	1/8/2008 3/21/2008	147.67 147.67	9.37 7.45	ND ND	138.30 140.22	<1.00 <1.00	6.05 3.35	305 213	980 647	<3.00	147 84.7	761 560	<100 780	8,460 3,020
	3/21/2008 (Dup)	147.67	7.45	ND	140.22	<1.00	3.16	201	603	<3.00	77.4	496	876	3,090
	6/20/2008	147.67	8.75	ND	138.92	2.07	3.51	2.82	892	4.62	93.1	421	2,540	4,370
	9/25/2008	147.67	8.84	ND	138.83	3.10	<3.00	223	704	<3.00	89.6	469	< 500	4,160
	12/23/2008	147.67	8.17	ND	139.50	<1.00	<3.00	271	1,107	<3.00	116	673	682	6,340
	3/10/2009 6/22/2009	147.67 147.67	7.65 7.94	ND ND	140.02 139.73	1.36 <1.00	<3.00	50.8 207	191.9 646	<3.00 7.64	26.3 89.2	310 866	657 2,780	1,380 5,160
	9/17/2009	147.67	NG	ND	NA	<1.00	<3.00	5.82	17.47	<3.00	5.47	<100	<100	136
	12/23/2009	147.67	8.30	ND	139.37	2.13	<3.00	161	550	4.94	75.9	1,040	1,580	5,260
	4/21/2010	147.67	8.19	ND	139.48	<1.00	<3.00	41.4	92.8	<3.00	16.0	198	<500	947
	6/10/2010	147.67	8.80	ND	138.87	1.60	<3.00	118	300.4	<3.00	47.1	622	712	2,360
	9/30/2010 12/29/2010	147.67 147.67	10.15 9.76	ND ND	137.52 137.91	<5.00 <5.00	<5.00 <5.00	<5.0 48	<15.0 104.0	<5.00 <5.00	<5.0 22.0	<75 164	26 839	<25 458
	3/31/2011	147.67	7.85	ND ND	137.91	<5.00	<5.00	48 99	303.5	<5.00	28.4	290	1,510	458 896
	6/28/2011	147.67	8.11	ND	139.56	<5.0	<5.0	29.8	51.1	<5.0	20.6	305	1,140	594
	9/28/2011	147.67	8.66	ND	139.01	<5.0	< 5.0	83.8	180.1	< 5.0	45.7	341	2,010	1310
	12/22/2011	147.67	8.18	ND	139.49	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<75	<25	<25
	3/8/2012	147.67	8.32	ND	139.35	<5.0	<5.0	76.7	217.3	<5.0	28.5	220	1,210	982
	6/20/2012 9/10/2012	147.67 147.67	8.89 9.42	ND ND	138.78 138.25	<5.0 <5.0	<5.0 <5.0	69.3 22.6	151.8 55.3	<5.0 <5.0	44.5 15.2	383 139	764 529	1,780 649
	12/12/2012	147.67	9.02	ND	138.65	<5.0	<5.0	60.8	110.7	<5.0	29.8	181	916	1,320
	3/27/2013	147.67	7.85	ND	139.82	<5.0	< 5.0	65.5	193.4	< 5.0	22.8	187	608	892
	6/19/2013	147.67	8.02	ND	139.65	< 5.0	< 5.0	5.9	<10.0	< 5.0	8.3	80.3	201	247
	12/16/2013	147.67	9.28	ND	138.39	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<75	<25	<25
	3/26/2014 6/30/2014	147.67 147.67	8.16 10.42	ND ND	139.51 137.25	<5.0 2.4	<5.0 <2.0	25.7 23	46.3 42.0	<5.0 <2.0	13.5 10	154 <200	328 <200	505 650
	9/11/2014	147.67	9.52	ND ND	137.25	<1.0	<1.0	5.7	8.0	<1.0	<5.0	<100	290	220
	12/8/2014	147.67	7.79	ND	139.88	<1.0	<1.0	12	18.9	<1.0	13	120	<100	460
	3/31/2015	147.67	7.60	ND	140.07	<1.0	<1.0	51	157	<1.0	15	320	<100	950
	9/17/2015	147.67	9.50	ND	138.17	<1.0	<1.0	2.8	4.9	<1.0	<5.0	<100	<100	130
	12/16/2015	147.67	9.15	ND	138.52	<1.0	<1.0	6.6	15.5	<1.0	<5.0	<100 230	<100	340
	3/8/2016 6/7/2016	147.67 147.67	8.55 8.86	ND ND	139.12 138.81	<1.0 <1.0	<1.0 <1.0	15 14	23.4 24.9	<1.0 <1.0	6.8	250	<100 <100	670 820
	0/7/2010	117.07	0.00	112	130.01	11.0	41.0		21.7	11.0	0.1	250	1100	020
OW-14	11/19/2004	148.01	NG	NG	NA	<1.00	<3.0	<1.0	< 6.0	<3.0	< 5.0	<100	<100	<100
(GW-1,3)	6/2/2005	148.01	9.29	ND	138.72	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	12/16/2005 6/27/2006	148.01 148.01	8.80 8.61	ND ND	139.21 139.40	<1.00 <1.00	<3.00	<1.00 <1.00	<4.00 <4.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	7/10/2007	148.01	9.91	ND	138.10	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	10/17/2007	148.01	10.47	ND	137.54	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	1/8/2008	148.01	9.28	ND	138.73	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	3/21/2008	148.01	8.46	ND	139.55	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/20/2008 9/25/2008	148.01 148.01	9.70 9.80	ND ND	138.31 138.21	<1.00	<3.00	<1.00	<4.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	12/18/2008	148.01	8.83	ND	139.18	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	3/10/2009	148.01	8.71	ND	139.30	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/22/2009	148.01	9.12	ND	138.89	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	9/17/2009	148.01	9.51	ND	138.50	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	12/23/2009 4/21/2010	148.01 148.01	9.22	ND ND	138.79 138.71	<1.00	<3.00	<1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
		1.5.01		ND	138.03	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/11/2010	148.01	9.98	IND					1	1				
													NA	27.4
MW-1	7/30/1998	147.59	7.11	ND	140.48	<1.0	<1.0	<1.0	<3	3	NA	NA		NA
(GW-1,3)	7/30/1998 9/11/1998	147.59 147.59	7.11 8.01	ND ND	140.48 139.58	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	7/30/1998 9/11/1998 10/26/1998	147.59 147.59 147.59	7.11 8.01 7.68	ND ND ND	140.48 139.58 139.91	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<3 <3	<1.0 <1.0	NA NA	NA NA	NA NA	NA NA
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998	147.59 147.59 147.59 147.59	7.11 8.01 7.68 7.88	ND ND ND	140.48 139.58 139.91 139.71	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	3 3 3	<1.0 <1.0 <1.0	NA NA NA	NA NA NA	NA NA NA	NA NA NA
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998	147.59 147.59 147.59	7.11 8.01 7.68	ND ND ND	140.48 139.58 139.91	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<3 <3	<1.0 <1.0	NA NA	NA NA	NA NA	NA NA
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 12/17/1998 1/6/1999 2/9/1999	147.59 147.59 147.59 147.59 147.59 147.59 147.59	7.11 8.01 7.68 7.88 7.72 7.65 6.35	ND	140.48 139.58 139.91 139.71 139.87 139.94 141.24	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	3 3 3 3 3	<1.0 <1.0 <1.0 <1.0 <1.0 23	NA NA NA NA NA	NA NA NA NA NA	NA NA NA NA NA	NA NA NA NA NA
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 12/17/1998 1/6/1999 2/9/1999 3/29/1999	147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59	7.11 8.01 7.68 7.88 7.72 7.65 6.35 5.65	ND	140.48 139.58 139.91 139.71 139.87 139.94 141.24 141.94	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	3 3 3 3 3 3	<1.0 <1.0 <1.0 <1.0 <1.0 23 50	NA NA NA NA NA NA	NA NA NA NA NA NA NA NA NA	NA NA NA NA NA NA NA NA	NA NA NA NA NA NA
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 12/17/1998 1/6/1999 2/9/1999 3/29/1999 6/24/1999	147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59	7.11 8.01 7.68 7.88 7.72 7.65 6.35 5.65 7.08	ND N	140.48 139.58 139.91 139.71 139.87 139.94 141.24 141.94 140.51	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <5.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <5.0	3 3 3 3 3 3 4 5	<1.0 <1.0 <1.0 <1.0 <1.0 <2.0 <1.0 <5.0 <5.0	NA NA NA NA NA NA NA SA NA NA NA NA NA NA NA NA	NA Callon	NA NA NA NA NA NA NA NA <100	NA NA NA NA NA NA NA NA
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 12/17/1998 1/6/1999 2/9/1999 3/29/1999 6/24/1999 1/22/2002	147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59	7.11 8.01 7.68 7.88 7.72 7.65 6.35 5.65 7.08 8.93	ND N	140.48 139.58 139.91 139.71 139.87 139.94 141.24 141.94 140.51 138.66	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <5.0 <5.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <5.0 <5.0	3 3 3 3 3 3 3 4 5 4 5 10	<1.0 <1.0 <1.0 <1.0 <1.0 <2.0 23 50 <5.0 24.3	NA NA NA NA NA NA S5.0 <5.0	NA NA NA NA NA NA NA NA SA NA SA	NA NA NA NA NA NA NA NA C100 C50	NA NA NA NA NA NA NA NA SA NA SA
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 12/17/1998 12/17/1999 2/9/1999 3/29/1999 6/24/1999 1/22/2002 5/10/2003	147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59	7.11 8.01 7.68 7.88 7.72 7.65 6.35 5.65 7.08 8.93 6.33	ND N	140.48 139.58 139.91 139.71 139.87 139.94 141.24 141.94 140.51	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <5.0	3 3 3 3 3 3 4 5	<1.0 <1.0 <1.0 <1.0 <1.0 <2.0 <1.0 <5.0 <5.0	NA S5.0 S5.0 NS	NA <1000 <50 NS	NA N	NA NA NA NA NA NA NA NA
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 12/17/1998 1/6/1999 2/9/1999 3/29/1999 6/24/1999 1/22/2002	147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59	7.11 8.01 7.68 7.88 7.72 7.65 6.35 5.65 7.08 8.93	ND N	140.48 139.58 139.91 139.71 139.87 139.94 141.24 141.94 140.51 138.66 140.88	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <5.0 <5.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <5.0 <5.0 <1.0	3 3 3 3 3 3 3 3 3 5 5	<1.0 <1.0 <1.0 <1.0 <1.0 <2.0 23 50 <5.0 24.3 <1.0	NA NA NA NA NA NA S5.0 <5.0	NA NA NA NA NA NA NA NA SA NA SA	NA NA NA NA NA NA NA NA C100 C50	NA N
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 11/13/1998 12/17/1998 12/17/1999 2/9/1999 6/24/1999 1/22/2002 5/10/2003 11/13/2003 11/13/2003 3/26/2014	147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.21 147.21	7.11 8.01 7.68 7.88 7.72 7.65 6.35 5.65 7.08 8.93 6.33 7.67 6.80 6.60	ND N	140.48 139.58 139.91 139.71 139.87 139.94 141.24 141.94 140.51 138.66 140.88 138.54 140.41	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<3 <3 <3 <3 <3 <3 <3 <3	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 23 50 <5.0 24.3 <1.0 <1.0 <5.0 <5.0 <5.0	NA S-5.0 S-5.0 NS NS S-5.0 6.78	NA STA NA	NA SOBORIO NS NS SOBORIO SO	NA SO NA
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 11/13/1998 12/17/1998 1/6/1999 29/1999 6/24/1999 1/22/2002 5/10/2003 11/13/2003 6/28/2011 6/30/2014	147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.21 147.21 147.21 147.21	7.11 8.01 7.68 7.72 7.65 6.35 5.65 5.65 8.93 6.33 7.67 6.60 7.61	ND N	140.48 139.58 139.91 139.71 139.87 139.94 141.24 141.94 140.51 138.66 140.88 138.54 140.41 140.61	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<pre><1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0</pre>	<pre><1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0</pre>	3 3 3 3 3 3 3 3 5 5	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <21.0 <2.0 <5.0 <5.0 <4.1.0 <1.0 <5.0 <5.0 <5.0 <1.0	NA NS <5.0	NA NS <100 <50 NS NS <75.0 <100	NA SO NS NS NS SO	NA SO NS SO
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 12/17/1998 12/17/1998 1/2/1999 2/9/1999 6/24/1999 1/22/2002 5/10/2003 11/13/2003 6/28/2011 3/26/2014 9/11/2014	147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.21 147.21 147.21 147.21 147.21	7.11 8.01 7.68 7.88 7.72 7.65 6.35 5.65 7.08 8.93 6.33 7.67 6.80 6.60 7.61	ND N	140.48 139.58 139.91 139.71 139.71 139.87 139.94 141.24 141.94 140.51 138.66 140.88 138.54 140.41 140.61 139.60	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<pre><1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0</pre>	3 3 3 3 3 3 3 3 3 3	<pre><1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <2.0 50 <5.0 24.3 <1.0 <1.0 <5.0 <1.0 <1.0 <5.0 <1.0 <1.0 <1.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1</pre>	NA NA NA NA NA NA NA NA NA S5.0 S5.0 S5.0 S5.0 S5.0 S5.0 S5.0 S5.0	NA NA NA NA NA NA NA NA NA SI NA NA NA NA NA NA NA NS NS NS <75.0 <75.0 <100 <100	NA STORMAR NA NA STORMAR NS NS STORMAR STORMAR NS NS STORMAR STORMAR STORMAR NA NS NS STORMAR STORM	NA Stop Stop Stop NS NS NS NS Stop Stop Stop Stop Stop Stop Stop Sto
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 11/13/1998 12/17/1998 12/17/1999 2/9/1999 6/24/1999 1/22/2002 5/10/2003 11/13/2003 6/28/2011 3/26/2014 6/30/2014 1/12/2014	147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.21 147.21 147.21 147.21 147.21	7.11 8.01 7.68 7.88 7.72 7.65 5.65 7.08 8.93 6.33 6.36 7.67 6.80 6.60 7.61 7.97	ND N	140,48 139,58 139,91 139,71 139,87 139,94 141,24 141,94 140,51 138,66 140,88 138,54 140,61 140,61 139,60 139,60	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<pre><1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0</pre>	3 3 3 3 3 3 3 3 3 3	<pre><1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <2.0 50 50 4.1 4.1 50 4.1 50 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.</pre>	NA S-5.0 S-5.0 S-6.78 S-5.0 S-5.0 S-5.0 S-5.0 S-5.0 S-5.0 S-5.0 S-5.0	NA NA NA NA NA NA NA NA NA STORMAR NA	NA STORMA NA NA NA NA NA NS NS NS NS NS 0 225.0 0 100 0 100 0	NA SO NA NA SO NA NA SO NS NS SO
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 12/17/1998 12/17/1998 1/2/1999 2/9/1999 6/24/1999 1/22/2002 5/10/2003 11/13/2003 6/28/2011 3/26/2014 9/11/2014	147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.21 147.21 147.21 147.21 147.21	7.11 8.01 7.68 7.88 7.72 7.65 6.35 5.65 7.08 8.93 6.33 7.67 6.80 6.60 7.61	ND N	140.48 139.58 139.91 139.71 139.71 139.87 139.94 141.24 141.94 140.51 138.66 140.88 138.54 140.41 140.61 139.60	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<pre><1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0</pre>	3 3 3 3 3 3 3 3 3 3	<pre><1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <2.0 50 <5.0 24.3 <1.0 <1.0 <5.0 <1.0 <1.0 <5.0 <1.0 <1.0 <1.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1</pre>	NA NA NA NA NA NA NA NA NA S5.0 S5.0 S5.0 S5.0 S5.0 S5.0 S5.0 S5.0	NA NA NA NA NA NA NA NA NA SI NA NA NA NA NA NA NA NS NS NS <75.0 <75.0 <100 <100	NA STORMAR NA NA STORMAR NS NS STORMAR STORMAR NS NS STORMAR STORMAR STORMAR NA NS NS STORMAR STORM	NA Stop Stop Stop NS NS NS NS Stop Stop Stop Stop Stop Stop Stop Sto
(GW-1,3)	7/30/1998 9/11/1998 10/26/1998 11/13/1998 11/13/1998 12/17/1998 1/6/1999 2/9/1999 6/24/1999 1/22/2002 5/10/2003 11/13/2003 6/28/2011 3/26/2014 6/30/2014 9/11/2014	147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.59 147.21 147.21 147.21 147.21 147.21 147.21	7.11 8.01 7.68 7.88 7.72 7.65 6.35 7.08 8.93 6.33 7.67 6.80 6.60 7.61 7.97	ND N	140.48 139.58 139.91 139.71 139.87 139.87 139.87 141.24 141.94 140.51 138.66 140.88 138.54 140.41 140.61 139.60 139.24 141.02	<.1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<pre><1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0</pre>	3 3 3 3 3 3 3 3 3 3	<pre><1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <2.0 50 50 <5.0 24.3 <1.0 <1.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1</pre>	NA S.0	NA N	NA N	NA N

	er, MA													
Well No. GW Class) Screen		Top of Casing Elevation	Depth to Water	Depth to	Ground Water Elevation	Benzene	Toluene	Ethyl- benzene	Total Xylenes	МТВЕ	Naph- thalene	C ₅ -C ₈ Aliphatics	C ₉ -C ₁₂ Aliphatics	C ₉ -C ₁₀
iterval (ft.)	Sampling Date	(ft)	(ft)	(ft)	(ft)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)
	•		G	W-1	•	5	1,000	700	10,000	70	140	300	700	200
MCP Method	d 1 Standards			W-2		2,000	50,000	20,000	3,000	50,000	700	3,000	5,000	4,000
				W-3	1	10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
MW-2	4/3/1997	147.95	6.86	ND	141.09	821	3,790	381	2,484	19,300	NA	NA	NA	NA
3W-1,2,3) 5-15'	7/21/1997 10/22/1997	147.95 147.95	8.91 10.08	ND ND	139.04 137.87	1,100	4,400 4,900	480 810	3,600 5,900	100,000	NA NA	NA NA	NA NA	NA NA
3-13	5/4/1998	147.95	7.58	ND ND	140.37	2,600 1,400	8,500	900	6,900	190,000 14,000	NA NA	NA NA	NA NA	NA NA
	5/20/1998	147.95	NG	NG	NA	880	3,300	320	2,600	80,000	NA	NA	NA NA	NA
	7/30/1998	147.95	7.97	ND	139.98	890	4,700	600	4,600	2,500	NA	NA	NA	NA
	9/11/1998	147.95	8.65	ND	139.30	460	4,200	550	4,000	1,800	NA	NA	NA	NA
	10/26/1998	147.95	8.37	ND	139.58	210	1,800	250	2,000	5,500	NA	NA	NA	NA
	11/13/1998	147.95	8.54	ND	139.41	< 500	1,700	280	2,200	5,100	NA	NA	NA	NA
	12/17/1998	147.95	8.69	ND	139.26	510	3,200	540	3,900	16,000	NA	NA	NA	NA
	1/6/1999	147.95	8.24	ND	139.71	<2,000	3,300	400	3,400	34,000	NA	NA	NA	NA
	2/9/1999 3/29/1999	147.95 147.95	6.90 6.72	ND ND	141.05 141.23	1,500 640	8,900 3,500	800 640	5,800 4,500	15,000 4,400	NA NA	NA NA	NA NA	NA NA
	6/24/1999	147.95	8.25	ND	139.70	513	5,890	1,110	7,160	10,300	280	4,000	6,100	9,000
	11/4/1999	147.95	7.48	ND	140.47	<1.0	<5.0	<5.0	<15	<5.0	<5.0	<100	<100	<100
	1/3/2000	147.95	8.37	ND	139.58	1,580	6,430	890	5,220	60,100	240	<2500	5400	11300
	2/16/2000	147.95	7.83	ND	140.12	1,630	8,130	1,030	6,090	35,900	220	<2500	7700	10200
	2/25/2000	147.95	7.54	ND	140.41	1,100	6,600	660	4,400	27,000	NS	NS	NS	NS
	4/14/2000	147.95	7.40	ND	140.55	1,500	11,600	1,320	7,980	22,000	310	<5,000	8,800	9,400
	8/21/2000	147.95	8.35	ND	139.60	1,330	8,860	1,300	8,240	29,000	340	<5,000	6,800	11,800
	11/20/2000	147.95	7.60	ND	140.35	2,410	13,800	2,230	14,970	40,700	646	<5,000	8,130	21,400
	2/26/2001	147.95	7.67	ND	140.28	658	5,220	1,010	6,390	11,000	251	2,000	9,000	7,900
	7/16/2001	147.95 147.95	7.73	ND ND	140.22	2,910	11,900	1,480	9,500	61,500 22,900	439	<2,500	11,200	14,200
	1/22/2002 5/7/2002	147.95	8.70 7.66	ND ND	139.25 140.29	1,830 588	13,300 9,840	2,550 1,700	18,820 12,260	22,900 6,620	1,420 454	7,550	17,500 7,800	55,600 16,600
	10/2/2002	147.55	9.43	ND	138.12	205	2,360	900	5,780	6,850	288	1,390	2,300	7,820
	5/10/2003	147.55	7.20	ND	140.35	51.6	3,440	825	8,110	1,140	511	7,350	<50	11,000
	11/13/2003	147.55	8.29	ND	139.26	19.5	697	404	2,359	2,910	309	456	667	9,750
	5/18/2004	147.55	7.95	ND	139.60	1.6	549	490	2,894	159	186	1,990	3,360	7,550
	11/18/2004	147.55	NG	NG	NA	1.4	408	324	2,868	98.4	144	2,260	3,860	4,650
	6/20/2005	147.55	7.96	ND	139.59	< 1.00	95.4	381	2,369	231	131	2,430	<1,000	4,110
	12/16/2005	147.55	7.48	ND	140.07	<1.00	24.7	85.9	454	63.7	33.9	703	<500	1,710
	6/27/2006	147.55	6.82	ND	140.73	<1.00	<3.00	10.7	32.97	58.3	5.74	110	<100	277
	12/14/2006	147.55	8.02	ND	139.53	2.66	6.94	88.8	257.5	<3.00	33.0	1,210	674	2,020
	7/11/2007 10/17/2007	147.55 147.55	8.42 9.06	ND ND	139.13 138.49	<1.00 <1.00	5.00 4.96	79.1 48.8	257.9 112.1	<3.00	39.5 20.9	1,400 768	2,630 1,530	3,010 1,120
	1/8/2008	147.55	7.76	ND	139.79	<1.00	6.09	93.6	387.6	<3.00	50.9	1,180	<500	2,910
	3/21/2008	147.55	6.85	ND	140.70	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/20/2008	147.55	8.19	ND	139.36	<1.00	6.52	86.0	243.9	11.5	46.8	1,350	1,220	2,690
	9/25/2008	147.55	8.18	ND	139.37	5.90	<3.00	52.0	112.8	< 3.00	30.3	786	< 500	1,900
	25-Sep-08 Dup	147.55	8.18	ND	139.37	5.94	<3.00	50.7	114.6	<3.00	28.1	803	< 500	1,780
	12/23/2008	147.55	7.50	ND	140.05	1.84	3.71	56.1	218.2	3.74	36.4	1,060	566	2,950
	3/10/2009	147.55	7.01	ND	140.54	1.89	<3.00	23.3	66.7	<3.00	14.9	597	750	1,290
	3/10/2009 Dup	147.55	7.01	ND	140.54	1.96	<3.00	23.3	66.5	<3.00	14.9	609	700	1,220
	6/22/2009 9/17/2009	147.55 147.55	7.32 7.80	ND ND	140.23 139.75	4.96 1.69	3.46 <3.00	35.6 16.4	118.2 44.7	6.32 3.52	29 12.5	1,040 418	1,520 <500	2,140 761
	9/17/2009 Dup	147.55	7.80	ND	139.75	1.54	<3.00	16.4	44.6	3.42	13.5	431	<500	670
	12/23/2009 12/23/2009	147.55	7.70	ND	139.75	2.06	<3.00	20.2	83.3	<3.00	16.7	778	<500	1,940
	4/21/2010	147.55	8.51	ND	139.04	1.63	<3.00	9.32	7.54	<3.00	5.68	323	174	569
	4/21/2010 Dup	147.55	8.51	ND	139.04	1.52	<3.00	9.84	7.93	<3.00	5.92	341	235	566
	6/10/2010	147.55	8.25	ND	139.30	2.93	<3.00	19.5	53.3	4.14	16.9	1,350	757	1,800
	9/30/2010	147.55	9.55	ND	138.00	<10.0	<10.0	17.0	69.4	<10.0	24.1	481	1,200	600
	12/29/2010	147.55	8.02	ND	139.53	<5.00	< 5.00	5.0	<15.00	<5.00	5.0	163	264	129
	3/31/2011	147.55	7.22	ND	140.33	<5.00	<5.00	5.0	<15.00	<5.00	5.0	<75	59.4	25.3
	6/28/2011 9/28/2011	147.55 147.55	7.53 7.97	ND ND	140.02 139.58	<5.0 <5.0	26.6 <5.0	14.6 20.4	38.1 67.1	<5.0 <5.0	7.3 15.0	307 313	442 709	219 431
	12/22/2011	147.55	7.77	ND ND	139.58	<5.0	<5.0	10.2	22.6	<5.0	8.9	356	534	263
	3/8/2012	147.55	7.66	ND	139.78	<5.0	<5.0	5.0	<15.0	<5	5.2	121	205	174
	6/20/2012	147.55	8.24	ND	139.31	<5.0	<5.0	15.5	36.6	<5.0	20.3	542	390	916
	9/10/2012	147.55	8.67	ND	138.88	<5.0	< 5.0	24.3	57.7	< 5.0	27.2	447	1,100	1,350
	12/12/2012	147.55	8.49	ND	139.06	< 5.0	<5.0	6.6	<15.0	< 5.0	8.0	347	167	406
	3/27/2013	147.55	13.16	ND	134.39	<5.0	< 5.0	<5.0	<15.0	<5.0	< 5.0	<75	30.4	27.2
	6/19/2013	147.55	7.35	ND	140.20	<5.0	<5.0	8.1	18.8	<5.0	10.3	215	103	336
	12/16/2013	147.55	8.63	ND	138.92	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<75	34.8	36.4
	3/26/2014	147.55	7.43	ND	140.12	<5.0	<5.0	7.04	<15.0	<5.0	5.81	124	142	200
	-	-	I			I	I	Destroyed	April 2014				1	
MW-2R	6/30/2014	NM	8.96	ND	NM	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<100	<100	<100
W-1,2,3)	9/11/2014	NM	9.22	ND	NM	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<100	<100	<100
,,.)	12/8/2014	NM	7.66	ND	NM	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<100	<100	<100
	3/31/2015	NM	7.40	ND	NM	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<100	<100	<100
	9/17/2015	NM	9.25	ND	NM	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<100	<100	<100
	12/16/2015	NM	9.05	ND	NM	<1.0	<1.0	<1.0	<3.0	<1.0	< 5.0	<100	<100	<100
			0.44	ND	NM	<1.0	<1.0	<1.0	<3.0	<1.0	< 5.0	<100	<100	<100
	3/8/2016 6/7/2016	NM NM	8.44 8.75	ND	NM	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<100	<100	<100

					1								1	
Well No.		Top of	Depth		Ground							0.0	~ ~	
(GW Class)		Casing	to	Depth to	Water	_		Ethyl-	Total		Naph-	C ₅ -C ₈	C ₉ -C ₁₂	C9-C10
Screen		Elevation	Water	LNAPL	Elevation	Benzene	Toluene	benzene	Xylenes	MTBE	thalene	Aliphatics	Aliphatics	Aromati
Interval (ft.)	Sampling Date	(ft)	(ft)	(ft)	(ft)	(µg/l)	(μg/l)	(μg/l)	(μg/l)	(µg/l)	(μg/l)	(µg/l)	(µg/l)	(μg/l)
				W-1		5	1,000	700	10,000	70	140	300	700	200
MCP Metho	d 1 Standards			W-2		2,000	50,000	20,000	3,000	50,000	700	3,000	5,000	4,000
				W-3		10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
MW-2D	11/20/2000	148.24	7.95	ND	140.29	18.3	245	407	2,830	697	193	1,450	3,170	4,250
(GW-1,3)	2/26/2001	148.24	8.04	ND	140.20	<1.0	<5.0	9	34.7	8.2	9.1	380	220	220
25-35'	7/16/2001	148.24	9.11	ND	139.13	<5.0	<5.0	< 5.0	7.3	52.4	6.7	62.4	<50	68.3
	1/22/2002	148.24	8.98	ND	139.26	<5.0	<5.0	<5.0	9.5	<5.0	<5.0	189	<50	113
	5/7/2002	148.24	8.05	ND	140.19	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<50	<50	<50
	10/2/2002	147.84	9.59	ND	138.25	<2.0	<2.0	<2.0	12.8	67	<3.0	<50	<50	<50
	11/18/2002	147.84	7.71	ND	140.13	<2.0	<2.0	2.1	4.9	<2.0	<3.0	139	<50	143
	5/10/2003 11/13/2003	147.84 147.84	7.51	ND	140.33	<2.0	<2.0	<2.0	2 <4.0	<2.0 4.7	<3.0	<50 <50	<50 <50	<50 <50
			8.66	ND	138.88	<2.0		<2.0						
	5/18/2004	147.84	8.32	ND	139.52	<1.00	<3.0	<1.0	<6.0	3.3	<5.0	<100	<100	<100
	11/18/2004	147.84	NG	NG	NA	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
MIN 2	1/21/1007	140.00	0.20	MD	139.64	122	50	0.2	770	0.0	NIA	NT A	N/A	NT A
MW-3 GW-1,2,3)	1/31/1997	148.02 148.02	8.38 10.60	ND ND	139.64	122 7	59 <1.0	93 <1.0	770 7	960 290	NA NA	NA NA	NA NA	NA NA
5-15'	5/4/1998	148.02	8.18	ND	137.42	140	370	180	1,500	1,000	NA NA	NA NA	NA NA	NA NA
J-1J	7/30/1998	148.02	8.18	ND ND	139.84	220	110	160	73	1,100	NA NA	NA NA	NA NA	NA NA
	9/11/1998	148.02	9.64	ND	138.38	80	<1.0	17	<3	450	NA NA	NA NA	NA NA	NA NA
	10/26/1998	148.02	8.98	ND	139.04	35	<10	14	20	640	NA	NA NA	NA NA	NA NA
	11/13/1998	148.02	9.14	ND	138.88	<100	27	15	28	2,400	NA NA	NA NA	NA NA	NA NA
	12/17/1998	148.02	9.39	ND	138.63	4	<1.0	13	<3	120	NA	NA	NA NA	NA
	1/6/1999	148.02	8.79	ND	139.23	<50	41	32	250	9,100	NA	NA NA	NA NA	NA NA
	2/9/1999	148.02	8.12	ND	139.23	60	170	110	800	11,000	NA	NA NA	NA NA	NA NA
	3/29/1999	148.02	7.95	ND	140.07	120	340	70	330	1,700	NA	NA	NA NA	NA
	6/24/1999	148.02	9.25	ND	138.77	3.6	<5.0	<5.0	<15	749	<5	<100	130	230
	11/4/1999	148.02	8.65	ND	139.37	270	373	<25	142	13,200	<25	<500	<500	580
	1/3/2000	148.02	8.94	ND	139.08	13.4	<5.0	<5.0	<15	2,620	<5.0	<100	<100	160
	2/25/2000	148.02	8.18	ND	139.84	620	1,900	210	1,200	42,000	NS	NS	NS	NS
	4/14/2000	148.02	8.41	ND	139.61	695	2,380	372	1,929	3,370	0	<1,000	3,100	3,300
	8/21/2000	148.02	9.10	ND	138.92	118	8.5	104	34.1	7,950	0.0	<100	600	870
	11/20/2000	148.02	8.52	ND	139.50	300	168	70.5	316	3,250	0.0	<50	200	645
	2/26/2001	148.02	8.44	ND	139.58	384	926	410	1,763	9,880	0	< 500	2,800	2,500
	7/16/2001	148.02	9.41	ND	138.61	188	<10	<10	<20	7,010	<10	<100	<100	117
	1/22/2002	148.02	9.40	ND	138.62	105	<10	97.4	106.1	1,960	0.0	<100	164	566
	5/7/2002	148.02	8.31	ND	139.71	213	746	372	1,560	1,950	78.1	544	1,130	2,990
	10/2/2002	147.60	9.93	ND	137.67	<2.0	< 2.0	< 2.0	<4.0	25.6	<3.0	<50	<50	<50
	5/10/2003	147.60	8.11	ND	139.49	18.1	249	318	963	520	61.8	489	<50	1,860
	11/13/2003	147.60	8.73	ND	138.87	< 2.0	13.7	29	134	46.9	3.4	< 50	<50	170
	5/18/2004	147.60	8.51	ND	139.09	<1.00	10.4	172	392	63	26.6	102	242	979
	11/19/2004	147.60	NG	NG	NA	<1.00	4.7	24.2	66.1	8.9	< 5.0	<100	<100	<100
	6/20/2005	147.60	8.54	ND	139.06	< 1.00	< 3.00	3.9	18.9	17.5	10.2	<100	<100	<100
	12/16/2005	147.60	7.94	ND	139.66	<1.00	<3.00	13.0	18.24	23.4	6.60	199	281	539
	6/27/2006	147.60	7.55	ND	140.05	1.96	<3.00	87.8	171.7	326	38.7	481	1,820	1,910
	12/14/2006	147.60	8.63	ND	138.97	<1.00	<3.00	2.29	< 6.00	<3.00	< 5.00	<100	146	< 50
	7/11/2007	147.60	9.06	ND	138.54	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	1/8/2008	147.60	8.32	ND	139.28	<1.00	<3.00	6.94	<6.00	<3.00	< 5.00	<100	<100	339
	6/20/2008	147.60	8.74	ND	138.86	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	6/22/2009	147.60	8.20	ND	139.40	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	152
	12/23/2009	147.60	8.31	ND	139.29	3.41	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	125
	6/10/2010	147.60	8.93	ND	138.67	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	6/19/2013	147.60	8.11	ND	139.49	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<75	<25	<25
	3/26/2014	147.60	8.21	ND	139.39	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<75	<25	<25
	6/30/2014	147.60	9.09	ND	138.51	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<100	<100	<100
	3/31/2015	147.60	7.70	ND	139.90	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<100	<100	<100
	9/17/2015	147.60	9.40	ND	138.20	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<100	<100	<100
	12/16/2015 3/8/2016	147.60 147.60	9.03	ND	138.57 139.05	<1.0 <1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<100	<100	<100 <100
	3/8/2016 6/7/2016	147.60	8.55	ND			<1.0	<1.0	<3.0	<1.0	<5.0	<100	<100	
		147.00	8.80	ND	138.80	<1.0	<1.0	<1.0	< 5.0	<1.0	< 5.0	<100	<100	<100

95-214880
Global Companies LLC
Mobil Station No. 1436
309 Lowell Street
Andover, MA

Well No.
(GW Class)
Screen
Interval (ft.)

MCP Method | Standards

Well No. GW Class) Screen	Sampling Date	Top of Casing Elevation	Depth to Water	Depth to LNAPL	Water Elevation	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	Naph- thalene	C ₅ -C ₈ Aliphatics	C ₉ -C ₁₂ Aliphatics	C ₉ -C ₁₀ Aromatic
ıterval (ft.)	Sampling Date	(ft)	(ft)	(ft) W-1	(ft)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(μg/l)
MCP Metho	d 1 Standards			W-1 W-2		5 2,000	1,000	700 20,000	10,000 3,000	70 50,000	140 700	3,000	700 5,000	200 4,000
WCI WCIIO	a i Standards			W-3		10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
MW-4	4/3/1997	147.95	7.46	ND	140.49	4,720	9,150	402	2,533	34,400	NA	NA	NA	NA
GW-1,2,3)	7/21/1997	147.95	9.36	ND	138.59	2,700	18,000	600	4,600	24,000	NA	NA	NA	NA
5-15'	10/22/1997	147.95	10.40	ND	137.55	3,400	16,000	700	5,900	25,000	NA	NA	NA	NA
	5/4/1998	147.95	8.00	ND	139.95	2,900	17,000	890	7,400	3,900	NA	NA	NA	NA
	7/30/1998	147.95	8.59	ND	139.36	2,600	17,000	990	7,700	3,200	NA	NA	NA	NA
	9/11/1998	147.95	9.00	ND	138.95	370	9,000	710	4,400	3,000	NA	NA	NA	NA
	10/26/1998	147.95	8.79	ND	139.16	320	3,900	250	1,700	3,700	NA	NA	NA	NA
	11/13/1998	147.95 147.95	8.97 9.18	ND ND	138.98 138.77	200 250	3,300 5,500	250 430	1,600 2,800	970 1,600	NA NA	NA NA	NA NA	NA NA
	1/6/1999	147.95	8.65	ND	139.30	210	5,200	590	3,600	2,700	NA NA	NA NA	NA NA	NA NA
	2/9/1999	147.95	7.90	ND	140.05	200	4,600	530	3,700	4,000	NA	NA	NA	NA
	3/29/1999	147.95	7.65	ND	140.30	90	2,100	500	2,800	3,400	NA	NA	NA	NA
	6/24/1999	147.95	9.63	ND	138.32	115	3,910	1,210	8,300	11,800	280	<2,500	8,400	8,600
	11/4/1999	147.95	8.48	ND	139.47	113	550	150	974	5,220	74	<1,000	1,000	2,400
	1/3/2000	147.95	8.78	ND	139.17	491	2,410	580	3,510	3,520	177	1,000	4,400	6,400
	2/16/2000	147.95	8.28	ND	139.67	243	854	281	1,548	2,340	73	<500	2,400	3,170
	4/14/2000	147.95	7.92	ND	140.03	632	3,550	890	5,580	4,140	210	<2,500	7,700	7,000
	8/21/2000 11/20/2000	147.95 147.95	8.82 8.25	ND ND	139.13 139.70	932 537	5,100 1,290	400 343	2,550	37,100 12,300	<250 86	<5,000 <100	<5,000 531	9,500 1,570
	2/26/2001	147.95	8.25	ND ND	139.70	455	3,190	942	527 5,490	5,000	86 245	<1,000	8,300	8,500
	7/16/2001	147.95	9.22	ND	139.28	1,940	4,200	600	3,380	70,500	181	<500	5,480	9,190
	9/7/2001	147.95	9.82	ND	138.13	366	432	432	1,672	42,000	128	<100	1,530	2,640
	1/22/2002	147.95	9.28	ND	138.67	555	3,240	887	3,150	6,130	<250	<2,500	<2,500	3,750
	5/7/2002	147.95	8.14	ND	139.81	199	1,740	291	1,660	2,350	52.9	727	850	2,460
	10/2/2002	147.67	9.82	ND	137.85	140	1,340	613	2,466	691	151	619	214	2,570
	5/10/2003	147.67	7.81	ND	139.86	24	705	187	851	425	45.6	1,100	<50	1,450
	11/12/2003	147.67	8.85	ND	138.82	6	792	292	1,299	132	127	612	103	3,010
	2/3/2004 3/19/2004	147.67 147.67	8.86 8.38	ND ND	138.81 139.29	NS NS	NS	NS NC	NS NC	NS NC	NS NS	NS NS	NS NS	NS
	5/18/2004	147.67	8.36	ND ND	139.29	1.5	NS 321	NS 224	NS 1,133	NS 31.3	NS 47	427	1,650	NS 1,850
	11/19/2004	147.67	NG	NG	NA	1.5	142	490	2,566	11.4	186	762	3,560	4,380
	11/19/2004 Dup	147.67	NG	NG	NA	<1.0	126	500	2,646	9.8	176	648	3,370	4,480
	6/20/2005	147.67	7.7	ND	139.97	1.1	24.8	338	2,908	123	206	931	< 2,000	7,300
	12/16/2005	147.67						Water runo	ff puddling	over the wel	1			
	6/27/2006	147.67	7.33	ND	140.34	<1.00	<3.00	<1.00	<4.00	<3.00	< 5.00	<100	<100	<100
	12/14/2006	147.67	8.29	ND	139.38	<1.00	<3.00	8.29	41.3	<3.00	<5.00	<100	613	282
	7/11/2007	147.67	8.97	ND	138.70	<1.00	<3.00	43.2	153.8	<3.00	25.4	163	1,680	1,840
	1/8/2008 6/20/2008	147.67 147.67	8.10 8.61	ND ND	139.57 139.06	<1.00 <1.00	<3.00	<1.00 16.6	<6.00 16.02	<3.00	<5.00 6.35	<100 134	<100 197	<100 561
	1/14/2009	147.67	8.08	ND	139.59	<1.00	<3.00	7.15	7.13	<3.00	<5.00	134	275	731
	6/22/2009	147.67	6.35	ND	141.32	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	282
	12/23/2009	147.67	8.11	ND	139.56	3.23	<3.00	1.92	< 6.00	<3.00	< 5.00	183	184	562
			0 - 1		138.93	<1.00	< 3.00	<1.00	< 6.00	<3.00	< 5.00	109	121	256
	6/10/2010	147.67	8.74	ND			₹3.00	<1.00						
	6/10/2010 6/28/2011	147.67 147.67	8.07	ND	139.60	< 5.0	< 5.0	< 5.0	<10.0	< 5.0	< 5.0	<75.0	<25.0	<25.0
	6/10/2010 6/28/2011 9/28/2011	147.67 147.67 147.67	8.07 8.45	ND ND	139.60 139.22	<5.0 <5.0	<5.0 <5.0	<5.0 <5.0	<10.0	< 5.0	< 5.0	<75.0	66.6	<25.0 <25.0
	6/10/2010 6/28/2011 9/28/2011 12/22/2011	147.67 147.67 147.67 147.67	8.07 8.45 8.01	ND ND ND	139.60 139.22 139.66	<5.0 <5.0 <5.0	<5.0 <5.0 <5.0	<5.0 <5.0 <5.0	<10.0 <10.0	<5.0 <5.0	<5.0 <5.0	<75.0 <75.0	66.6 <25.0	<25.0 <25.0 <25.0
	6/10/2010 6/28/2011 9/28/2011 12/22/2011 3/8/2012	147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15	ND ND ND ND	139.60 139.22 139.66 139.52	<5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0	<10.0 <10.0 <10.0	<5.0 <5.0 <5.0	<5.0 <5.0 <5.0	<75.0 <75.0 <75.0	66.6 <25.0 <25.0	<25.0 <25.0 <25.0 <25.0
	6/10/2010 6/28/2011 9/28/2011 12/22/2011 3/8/2012 6/20/2012	147.67 147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15 8.72	ND ND ND ND	139.60 139.22 139.66 139.52 138.95	<5.0 <5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0 <5.0	<10.0 <10.0 <10.0 <15.0	<5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0	<75.0 <75.0 <75.0 <75.0	66.6 <25.0 <25.0 49.1	<25.0 <25.0 <25.0 <25.0 60.4
	6/10/2010 6/28/2011 9/28/2011 12/22/2011 3/8/2012 6/20/2012 3/27/2013	147.67 147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15 8.72 7.70	ND ND ND ND ND ND	139.60 139.22 139.66 139.52 138.95 139.97	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<10.0 <10.0 <10.0 <15.0 <15.0	<5.0 <5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0 <5.0	<75.0 <75.0 <75.0 <75.0 <75.0	66.6 <25.0 <25.0 49.1 28	<25.0 <25.0 <25.0 <25.0 <25.0 60.4 38.9
	6/10/2010 6/28/2011 9/28/2011 12/22/2011 3/8/2012 6/20/2012	147.67 147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15 8.72	ND ND ND ND	139.60 139.22 139.66 139.52 138.95	<5.0 <5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0 <5.0	<10.0 <10.0 <10.0 <15.0	<5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0	<75.0 <75.0 <75.0 <75.0	66.6 <25.0 <25.0 49.1	<25.0 <25.0 <25.0 <25.0 60.4
	6/10/2010 6/28/2011 9/28/2011 12/22/2011 3/8/2012 6/20/2012 3/27/2013 12/16/2013	147.67 147.67 147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15 8.72 7.70 9.08	ND	139.60 139.22 139.66 139.52 138.95 139.97 138.59	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<10.0 <10.0 <10.0 <15.0 <15.0 <15.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0	66.6 <25.0 <25.0 49.1 28 <25.0	<25.0 <25.0 <25.0 <25.0 60.4 38.9 <25.0
	6/10/2010 6/28/2011 9/28/2011 12/22/2011 3/8/2012 6/20/2012 3/27/2013 12/16/2013 6/30/2014 12/8/2014 9/17/2015	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26	ND N	139.60 139.22 139.66 139.52 138.95 139.97 138.59 138.72 140.06	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 1.6 <1.0 <1.0	\(\ldots \).0 \(\	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0	<10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <2.0 <3.0 <3.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100	66.6 <25.0 <25.0 49.1 28 <25.0 <100 <100 <100	<pre><25.0 <25.0 <25.0 <25.0 <25.0 60.4 38.9 <25.0 <100 <100</pre>
	6/10/2010 6/28/2011 9/28/2011 12/22/2011 3/8/2012 6/20/2012 3/27/2013 12/16/2013 6/30/2014 12/8/2014 9/17/2015	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95	ND N	139.60 139.22 139.66 139.52 138.95 139.97 138.59 138.72 140.06 138.41 138.72	 5.0 5.0 5.0 5.0 5.0 5.0 5.0 4.0 41.0 41.0 	<pre><5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0</pre>	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0	<10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100	66.6 <25.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100	<25.0 <25.0 <25.0 <25.0 60.4 38.9 <25.0 <100 <100 <100 <100 <100 <100
	6/10/2010 6/28/2011 9/28/2011 12/22/2011 3/8/2012 6/20/2012 3/27/2013 12/16/2013 6/30/2014 12/8/2014 9/17/2015	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26	ND N	139.60 139.22 139.66 139.52 138.95 139.97 138.59 138.72 140.06	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 1.6 <1.0 <1.0	\(\ldots \).0 \(\	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0	<10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <2.0 <3.0 <3.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100	66.6 <25.0 <25.0 49.1 28 <25.0 <100 <100 <100	<pre><25.0 <25.0 <25.0 <25.0 <25.0 60.4 38.9 <25.0 <100 <100</pre>
ww.sp	6/10/2010 6/28/2011 9/28/2011 12/22/2011 3/8/2012 3/27/2013 12/16/2013 6/30/2014 12/8/2014 9/17/2015 12/16/2015 3/8/2016	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36	ND N	139.60 139.22 139.66 139.52 139.97 138.59 138.72 140.06 138.41 138.72	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0	<10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <3.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100	66.6 <25.0 <25.0 <49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100	<25.0 <25.0 <25.0 <25.0 60.4 38.9 <25.0 <100 <100 <100 <100 <100 <100
	6/10/2010 6/28/2011 9/28/2011 12/22/2011 3/8/2012 3/27/2013 12/16/2013 12/16/2013 12/16/2015 12/16/2015 3/8/2016	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36	ND N	139.60 139.22 139.66 139.52 138.95 139.97 138.59 138.72 140.06 138.41 138.72 139.31	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$1.0 \$1.0 \$1.0 \$1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <4.280	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100	66.6 <25.0 <25.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <895	<25.0 <25.0 <25.0 <25.0 60.4 38.9 <25.0 <100 <100 <100 <100 <100 <100 <100 <100
GW-1,3)	6/10/2010 6/28/2011 9/28/2011 12/22/2011 3/8/2012 3/27/2013 12/16/2013 6/30/2014 12/8/2014 9/17/2015 12/16/2015 3/8/2016	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36	ND N	139.60 139.22 139.66 139.52 139.97 138.59 138.72 140.06 138.41 138.72	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0	<10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <3.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100	66.6 <25.0 <25.0 <49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100	<25.0 <25.0 <25.0 <25.0 60.4 38.9 <25.0 <100 <100 <100 <100 <100 <100
GW-1,3)	6/10/2010 6/28/2011 12/22/2011 3/8/2012 3/27/2013 12/16/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2014 9/17/2015 12/16/2015 3/8/2016	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36	ND N	139.60 139.22 139.66 139.52 138.95 139.97 138.59 138.72 140.06 138.41 138.72 139.31	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$1.0 \$1.0 	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	<10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <4.280 659	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <25.0 <25.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <895	<25.0 <25.0 <25.0 <25.0 60.4 38.9 <25.0 <100 <100 <100 <100 <100 <100 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <200 <
GW-1,3)	6/10/2010 6/28/2011 12/22/2011 3/8/2012 12/22/2013 3/27/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2014 9/17/2015 3/8/2016 10/2/2002 11/18/2002 5/10/2003 5/18/2004	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44 147.44 147.44 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 7.99	ND N	139.60 139.22 139.66 139.52 138.95 138.95 138.72 140.06 138.41 138.72 139.31 140.20 139.53 140.20 138.88 138.88 138.88	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	<10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <4.280 659 140.8 <7.8 <6.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.10 <1.0 1,410 378 131 172 18	 <5.0 <5.1 <5.1 <5.1 <5.0 	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <1100 <1100 <1100 <100 <100 <100 <100 <100 <100	66.6 <25.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <50 <5	<25.0 <25.0 <25.0 <25.0 <25.0 <60.4 <38.9 <25.0 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100
GW-1,3)	6/10/2010 6/28/2011 1/22/2011 1/2/2/2011 3/8/2012 6/20/2012 3/7/2013 1/2/16/2013 6/30/2014 1/2/8/2014 1/2/8/2014 1/2/8/2015 3/8/2016 10/2/2002 11/18/2002 11/18/2003 5/18/2004 11/18/2004	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44 147.44 147.44 147.44 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 8.79 8.79 8.70	ND N	139.60 139.22 139.66 139.52 138.95 138.72 140.06 138.41 138.72 139.31 140.00 138.88 140.20 138.88 140.20	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	<10.0 <10.0 <10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <4.280 659 140.8 7.8 <6.0 <6.0	 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <l></l>	 <5.0 	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0 <25.0 <25.0 <25.0 <25.0 <60.4 <38.9 <25.0 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100
GW-1,3)	6/10/2010 6/28/2011 1/28/2011 1/2/22/2011 3/8/2012 3/27/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2014 19/17/2015 12/16/2015 3/8/2016 10/2/2002 11/18/2002 11/18/2003 5/18/2004 11/18/2003	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44 147.44 147.44 147.44 147.44 147.44 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 7.99 NG	ND N	139.60 139.22 139.66 139.52 138.95 138.95 138.72 140.06 138.41 138.72 139.31 140.20 138.35 140.20 138.35 139.31	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.6 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$2.3 \$2.0 \$3.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.1 <1.0 <1.1 <1.0 <1.1 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.1 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	<10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <15.0 <3.0 <3.0 <3.0 <4.280 659 140.8 7.8 <6.0 <6.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.10 <1.0 1.410 378 131 172 18 11 6.0	 <5.0 	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0 <25.0 <25.0 <25.0 <25.0 <60.4 <40.0 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100
GW-1,3)	6/10/2010 6/28/2011 12/22/2011 3/8/2012 3/8/2012 3/27/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2014 9/17/2015 3/8/2016 10/2/2002 11/18/2002 5/10/2003 5/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 7.99 NG 7.92 7.38	ND N	139.60 139.22 139.66 139.66 139.52 138.95 138.72 140.06 138.41 138.72 139.31 137.97 139.53 140.20 138.85 140.20 138.85 140.20 138.85 140.20 140.85 14	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$6.0 \$1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<10.0 <10.0 <10.0 <10.0 <15.0 <15.0 <3.0 <3.0 <3.0 <3.0 <3.0 <4.280 <6.0 <6.0 <6.0 <4.00 <4.00	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 1,410 378 131 172 18 11 6.0 3.84	 <5.0 	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <225.0 49.1 28 <225.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <2
GW-1,3)	6/10/2010 6/28/2011 1/22/2011 3/8/2012 3/8/2012 3/8/2012 3/7/2013 6/20/2012 3/7/2013 6/30/2014 12/8/2014 12/8/2014 12/8/2015 3/8/2016 10/2/2002 11/18/2002 11/18/2003 5/18/2004 11/18/2004 6/20/2005 12/16/2005 12/16/2005	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 7.99 NG 7.92 7.38 6.90	ND N	139.60 139.22 139.66 139.52 138.59 138.59 138.72 140.06 138.41 138.72 139.31 140.20 138.88 139.53 140.20 138.88 139.53	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$1.0 \$1.0 	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<10.0 <10.0 <10.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <3.0 <3.0 <4.00 <6.0 <6.0 <6.0 <4.00 <4.00	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	\$5.0 \$5.0	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0 <25.0 <25.0 <25.0 <25.0 <60.4 <38.9 <25.0 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100
GW-1,3)	6/10/2010 6/28/2011 1/2/22/2011 3/8/2012 3/8/2012 3/27/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2014 19/17/2015 3/8/2016 10/2/2002 11/18/2002 5/18/2004 11/18/2003 5/18/2004 11/18/2003 5/18/2004 11/18/2004 6/20/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 7.99 NG 7.92 7.38 6.90 7.92 7.38 6.90 9.05	ND N	139.60 139.22 139.66 139.66 139.52 138.97 138.59 138.72 140.06 138.41 138.72 139.31 139.31 140.20 138.85 139.53 140.20 138.85 139.53 140.20 138.85 140.20 138.85 140.20 138.85 140.20 140.85	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$1.0 \$1.0 	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.1 <1.8 <1.1 <1.8 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	 <10.0 <10.0 <10.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <3.0 <3.0 <4.280 <6.9 <5.0 <6.0 <6.0 <6.0 <4.00 <6.00 	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 16 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0<	 <5.0 <5.00 <5.00 <5.00 	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100
GW-1,3)	6/10/2010 6/28/2011 12/22/2011 3/8/2012 12/22/2013 12/16/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2014 9/17/2015 12/16/2015 3/8/2016 10/2/2002 11/18/2002 5/10/2003 5/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2005 6/27/2006 6/27/2006 6/27/2006 6/27/2006	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 7.99 NG 7.99 NG 7.99 NG 7.70 9.08	ND N	139.60 139.22 139.66 139.66 139.52 138.95 138.72 140.06 138.41 138.72 139.53 140.20 138.85 NA 139.85 NA 139.45	<pre><5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0</pre>	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.1.8 <1.8 <1.8 <1.90 <1.00 <2.0 <1.00 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <	 <10.0 <10.0 <10.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <3.0 <3.0 <6.0 <6.0 <6.0 <4.00 <4.00 <6.00 <7.8 	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 378 131 172 18 11 6.0 3.84 <3.00 <3.00 <3.00 <3.00	 <5.0 <5.00 <5.00 <5.00 <7.71 	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <2
GW-1,3)	6/10/2010 6/28/2011 1/2/2011 3/8/2011 1/2/2/2011 3/8/2012 3/7/2013 1/2/16/2013 1/2/16/2013 1/2/16/2013 1/2/16/2015 3/8/2016 1/2/2002 11/18/2002 11/18/2002 11/18/2003 5/18/2004 11/18/2004 6/20/2005 1/2/16/2015 1/2/16/2015	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 7.99 NG 7.99 NG 7.92 8.95	ND N	139.60 139.25 139.56 139.56 139.52 138.59 138.59 138.72 140.06 138.41 138.72 139.31 140.00 138.88 139.45 NA 139.52 140.06 140.06 130.53	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$6.0 \$1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	 <10.0 <10.0 <10.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <3.0 <4.0 <6.0 <6.0 <4.00 <6.00 <4.00 <6.00 <4.00 <4.00 <4.00 <4.00 	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	 <5.0 <7.0 <1.8 <5.0 <5.00 <5.00	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.
GW-1,3)	6/10/2010 6/28/2011 12/22/2011 3/8/2012 12/22/2013 12/16/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2014 9/17/2015 12/16/2015 3/8/2016 10/2/2002 11/18/2002 5/10/2003 5/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2005 6/27/2006 6/27/2006 6/27/2006 6/27/2006	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 7.99 NG 7.99 NG 7.99 NG 7.70 9.08	ND N	139.60 139.22 139.56 139.52 138.95 138.72 140.06 138.41 138.72 139.53 140.20 138.85 NA 139.85 NA 139.45 NA 139.45 140.06 140.05 14	<pre><5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0</pre>	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.1.8 <1.8 <1.8 <1.90 <1.00 <2.0 <1.00 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <	 <10.0 <10.0 <10.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <3.0 <3.0 <6.0 <6.0 <6.0 <4.00 <4.00 <6.00 <7.8 	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 378 131 172 18 11 6.0 3.84 <3.00 <3.00 <3.00 <3.00	 <5.0 <5.00 <5.00 <5.00 <7.71 	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.
GW-1,3)	6/10/2010 6/28/2011 1/28/2011 3/8/2011 1/2/22/2011 3/8/2012 3/27/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2014 9/17/2015 12/16/2015 3/8/2016 10/2/2002 11/18/2002 5/18/2004 11/18/2003 5/18/2004 11/18/2006 11/18/2008 11/18/2008 11/18/2008 11/18/2008	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 7.91 7.24 8.56 7.99 NG 7.99 NG 7.92 7.38 6.90 9.05 7.72 8.25 7.70 8.70	ND N	139.60 139.22 139.66 139.66 139.52 138.97 138.59 138.72 140.06 138.41 138.72 139.31 139.31 140.20 138.38 139.45 NA 139.45 NA 139.53 140.06 130.53 140.06 130.53 140.06 130.53 140.06 140.54 130.54	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 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GW-1,3)	6/10/2010 6/28/2011 12/22/2011 3/8/2012 12/22/2013 12/16/2013 12/16/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2014 12/8/2014 9/17/2015 12/16/2015 3/8/2016 10/2/2002 11/18/2002 5/10/2003 5/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2004 11/18/2005 6/20/2008 6/20/2008	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 8.36 7.99 NG 7.99 NG 7.99 8.95 7.70 8.95 7.70 8.95 8.95 7.70 8.95	ND N	139.60 139.22 139.66 139.52 138.59 138.72 140.06 138.41 138.72 139.91 137.97 139.53 140.20 138.84 139.31 140.20 138.84 139.31 140.20 138.84 139.31 140.20 138.84 139.31 140.20 138.84 139.31 139.31 140.20 138.84 139.31 139.31 140.20 138.84 139.31 139.31 140.20 138.84 139.31 139.31 140.20 138.84 139.31 139.31 140.20 139.31 140.20 139.31 140.20 139.31 140.20 139.31 140.20 139.31 140.20 139.31 140.20 139.31 140.20 139.31 140.20 140.31	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$6.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<10.0 <10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <25.0 <3.0 <3.0 <3.0 <3.0 <4.280 659 140.8 7.8 <6.0 <6.0 <4.00 <4.00 <4.00 <6.00 <6.00 <6.00 <6.00 <6.00	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	 <5.0 <5.00 	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0
MW-5D GW-1,3) 26-31'	6/10/2010 6/28/2011 6/28/2011 12/22/2011 3/8/2012 3/27/2013 12/16/2013 6/30/2014 12/8/2014 12/8/2014 12/8/2014 12/8/2014 11/18/20015 3/8/2016 10/2/2002 11/18/2002 3/10/2003 11/13/2003 11/13/2003 5/18/2004 11/18/2004 6/20/2005 12/16/2015 12/16/2015 12/16/2015 6/27/2006 7/11/2007 1/8/2008 12/23/2008 12/23/2008 12/23/2009 6/10/2010	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 7.99 NG 7.99 NG 7.99 8.95 7.70 8.95 7.70 8.95 8.95 7.70 8.95	ND N	139.60 139.22 139.66 139.66 139.52 138.99 138.72 140.06 138.41 138.72 139.31 137.97 139.53 140.20 138.85 NA 139.45 NA 139.31 140.06 140.54 138.39 139.72 139.19 NA 139.36 140.10 140.24	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.00	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 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<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<10.0 <10.0 <10.0 <10.0 <15.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <3.0 <4.280 659 140.8 7.8 <6.0 <6.0 <4.400 <4.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	 <5.0 <5.00 	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <25.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100	<25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <25.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <20.0 <2
GW-1,3) 26-31'	6/10/2010 6/28/2011 1/2/22/2011 3/8/2012 1/2/22/2011 3/8/2012 3/7/2013 12/16/2013 12/16/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2016 10/2/2002 11/18/2002 11/18/2002 11/18/2004 11/18/2004 6/20/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2009 12/23/2008	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44	8.07 8.45 8.01 8.15 8.77 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 7.99 NG 7.92 7.38 6.90 9.05 7.72 8.25 7.72 8.25 7.72 8.75 7.70 9.08 8.95 7.70 9.08 8.95 8.95 8.95 8.95 8.95 7.70 9.08 8.95 7.61 9.26 8.95 7.70 9.07 8.95 7.61 9.26 8.95 7.91 7.24 8.56 7.99 9.05 7.99 9.05 7.99 9.05 7.38 6.90 9.05 7.72 8.25 7.38 6.90 9.05 7.52 7.54 7.52 7.52 7.52 7.52 7.52 7.52 7.52 7.52 7.52 7.52 7.53 7.52 7.52 7.52 7.52 7.53 7.54 7.52 7.52 7.54 7.54 7.55 7.55 7.52 7.54 7.54 7.54 7.55 7.55 7.55 7.55 7.52 7.54 7.54 7.54 7.54 7.54 7.54 7.54 7.54 7.55 7.	ND N	139.60 139.22 139.66 139.52 138.95 138.95 138.97 138.72 140.06 138.41 138.72 139.31 137.97 139.53 140.20 138.81 139.45 NA 139.52 140.06 140.54 138.93 140.55 140.06 140.54 14	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <2.0 <2.0	 <10.0 <10.0 <10.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <3.0 <3.0 <4.0 <6.0 <6.0 <6.0 <4.00 <6.00 <4.00 <6.00 <6.00 <6.00 <4.00 <6.00 <4.00 <4.00 <4.00 <4.00 <4.00 	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	C5.0	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0
EW-5DD GW-1,3)	6/10/2010 6/28/2011 1/2/22/2011 3/8/2012 3/27/2013 12/16/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2014 12/8/2014 12/8/2014 12/8/2014 12/8/2014 12/8/2014 12/8/2015 3/8/2016 10/2/2002 11/18/2002 11/18/2002 5/18/2004 11/18/2003 5/18/2004 11/18/2004 6/20/2005 12/16/2005 6/27/2006 7/11/2007 1/8/2008 12/23/2008 6/20/2008 12/23/2008 6/20/2008 12/23/2009 6/10/2010 5/10/2003 11/13/2003	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44	8.07 8.45 8.01 8.15 8.72 7.70 9.08 8.95 7.61 9.26 8.95 7.61 9.26 8.95 7.91 7.24 8.56 7.99 NG 7.99 NG 7.92 7.38 6.90 9.05 7.72 8.25 7.58 7.34 7.20 7.20 8.20 7.30	ND N	139.60 139.22 139.66 139.66 139.52 138.97 138.59 138.72 140.06 138.41 138.72 140.05 138.41 139.53 140.20 139.53 140.20 139.45 NA 139.52 140.06 140.54 138.39 139.72 139.19 NA 139.86 140.10 140.20	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.00	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 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<100 <100 <100 <100 <100 <1</td><td>66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1</td><td><25.0 <25.0 <25.0 <25.0 60.4 <38.9 <25.0 <100 <100</td></li<>	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0 <25.0 <25.0 <25.0 60.4 <38.9 <25.0 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 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GW-1,3) 26-31'	6/10/2010 6/28/2011 1/2/22/2011 3/8/2012 1/2/22/2011 3/8/2012 3/7/2013 12/16/2013 12/16/2013 12/16/2013 12/16/2013 12/16/2015 3/8/2016 10/2/2002 11/18/2002 11/18/2002 11/18/2004 11/18/2004 6/20/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2005 12/16/2009 12/23/2008	147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.67 147.44	8.07 8.45 8.01 8.15 8.77 9.08 8.95 7.61 9.26 8.95 8.36 9.47 7.91 7.24 8.56 7.99 NG 7.92 7.38 6.90 9.05 7.72 8.25 7.72 8.25 7.72 8.75 7.70 9.08 8.95 7.70 9.08 8.95 8.95 8.95 8.95 8.95 7.70 9.08 8.95 7.61 9.26 8.95 7.70 9.07 8.95 7.61 9.26 8.95 7.91 7.24 8.56 7.99 9.05 7.99 9.05 7.99 9.05 7.38 6.90 9.05 7.72 8.25 7.38 6.90 9.05 7.52 7.54 7.52 7.52 7.52 7.52 7.52 7.52 7.52 7.52 7.52 7.52 7.53 7.52 7.52 7.52 7.52 7.53 7.54 7.52 7.52 7.54 7.54 7.55 7.55 7.52 7.54 7.54 7.54 7.55 7.55 7.55 7.55 7.52 7.54 7.54 7.54 7.54 7.54 7.54 7.54 7.54 7.55 7.	ND N	139.60 139.22 139.66 139.52 138.95 138.95 138.97 138.72 140.06 138.41 138.72 139.31 137.97 139.53 140.20 138.81 139.45 NA 139.52 140.06 140.54 138.93 140.55 140.06 140.54 14	\$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <2.0 <2.0	 <10.0 <10.0 <10.0 <15.0 <15.0 <2.0 <3.0 <3.0 <3.0 <3.0 <3.0 <4.0 <6.0 <6.0 <6.0 <4.00 <6.00 <4.00 <6.00 <6.00 <6.00 <4.00 <6.00 <4.00 <4.00 <4.00 <4.00 <4.00 	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.	C5.0	<75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <75.0 <100 <100 <100 <100 <100 <100 <100 <1	66.6 <225.0 <25.0 49.1 28 <25.0 <100 <100 <100 <100 <100 <100 <100 <1	<25.0

Andov	er, MA													
Well No. (GW Class)		Top of Casing	Depth to	Depth to	Ground Water			Ethyl-	Total		Naph-	C5-C8	C9-C12	C9-C10
Screen Interval (ft.)	Sampling Date	Elevation (ft)	Water (ft)	LNAPL (ft)	Elevation (ft)	Benzene (µg/l)	Toluene (µg/l)	benzene (µg/l)	Xylenes (μg/l)	MTBE (μg/l)	thalene (µg/l)	Aliphatics (µg/l)	Aliphatics (µg/l)	Aromatics (µg/l)
Interval (ji.)	Sampling Date	(11)		W-1	(11)	(μg/1) 5	1,000	700	10,000	70	140	300	700	200
MCP Method	d 1 Standards			W-2		2,000	50,000	20,000	3,000	50,000	700	3,000	5,000	4,000
				W-3		10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
OW-A	6/22/1998	144.74	4.84	ND	139.90	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
(GW-1,3) 1-14'	7/30/1998 9/11/1998	144.74 144.74	5.67 6.57	ND ND	139.07 138.17	<1.0 <1.0	<1.0	<1.0	<3	<1.0	NA NA	NA NA	NA NA	NA NA
1-14	10/26/1998	144.74	5.72	ND	139.02	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA NA	NA NA
	11/13/1998	144.74	5.85	ND	138.89	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	12/17/1998	144.74	6.12	ND	141.62	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	1/6/1999 2/9/1999	144.74 144.74	5.57 5.50	ND	139.17	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<3	<1.0	NA NA	NA NA	NA NA	NA NA
	3/29/1999	144.74	4.82	ND ND	139.24 139.92	<1.0	<1.0	<1.0	<3	<1.0	NA NA	NA NA	NA NA	NA NA
	6/24/1999	144.74	5.89	ND	138.85	<1.0	<5.0	<5.0	<15	<5.0	<5	<100	<100	<100
	11/20/2000	144.74	5.26	ND	139.48	< 5.0	< 5.0	< 5.0	<10	< 5.0	< 5.0	<50	<50	<50
	10/2/2002	144.34	6.88	ND	137.46	<2.0	<2.0	<2.0	<4.0	<2.0	<3.0	<50	<50	<50
	11/13/2003	144.34	5.32	ND	139.02	<2.0	<2.0	<2.0	<4.0	<2.0	<3.0	<50	<50	<50
OW-B	1/31/1997	148.52	9.54	ND	138.98	67	626	860	6,970	15,100	NA	NA	NA	NA
(GW-1,3)	4/3/1997	148.52	10.04	ND	138.48	128	297	512	3,880	9,930	NA	NA	NA	NA
3.5-1 6.5'	7/21/1997	148.52	10.72	ND	137.80	250	700	560	4,200	14,000	NA	NA	NA	NA
	10/22/1997 5/4/1998	148.52 148.52	11.53 9.26	ND ND	136.99 139.26	400 90	400 100	500 140	3,100 1,200	26,000 5,900	NA NA	NA NA	NA NA	NA NA
	7/30/1998	148.52	10.25	ND	138.27	<500	350	480	2,400	8,800	NA	NA NA	NA NA	NA NA
	9/11/1998	148.52	11.04	ND	137.48	290	490	500	3,200	11,000	NA	NA	NA	NA
	10/26/1998	148.52	10.35	ND	138.17	550	910	610	3,200	12,000	NA	NA	NA	NA
	11/13/1998	148.52	10.40	ND	138.12	500	1,400	670 590	4,500	15,000	NA	NA	NA	NA
	12/17/1998	148.52 148.52	10.71 10.09	ND ND	137.79 138.43	320 <500	850 380	450	4,400 3,500	6,500 4,000	NA NA	NA NA	NA NA	NA NA
	2/9/1999	148.52	9.63	ND	138.89	100	540	510	4,300	7,000	NA	NA	NA	NA
	3/29/1999	148.52	9.52	ND	139.00	230	400	450	3,500	9,000	NA	NA	NA	NA
	6/24/1999	148.52	10.72	ND	137.80	457	780	540	3,920	8,680	<250	<5,000	<5,000	5,100
	1/4/1999	148.52 148.52	9.94 10.20	ND ND	138.58 138.32	179 265	750 542	440 460	2,830 2,890	10,500 20,500	170 217	<2,500 <1,000	<2,500 4,100	7,300 7,100
	2/16/2000	148.52	9.76	ND	138.76	433	890	463	3,020	22,200	202	<1,000	5,400	7,000
	2/25/2000	148.52	9.37	ND	139.15	450	860	450	3,300	30,000	NS	NS	NS	NS
	4/14/2000	148.52	6.73	ND	141.79	409	880	560	4,180	13,100	250	<2,500	6,200	6,800
	8/21/2000 11/20/2000	148.52 148.52	10.22 9.45	ND ND	138.30 139.07	262 13.2	1,230 28.2	655 12.2	4,330 115.2	9,270 2,250	254 <5	<1,000 <50	5,100 75.5	7,100 252
	2/26/2001	148.52	9.38	ND	139.07	<1.0	<5.0	<5.0	<15	41	<5	<100	<100	<100
	7/16/2001	148.52	10.64	ND	137.88	214	108	253	431.2	11,400	81.4	<100	842	1,380
	9/7/2001	148.52	11.26	ND	137.26	1940	5,250	953	8,460	19,800	199	<250	4570	8,070
	1/22/2002 5/7/2002	148.52 148.52	11.68 9.43	ND ND	136.84 139.09	97.4 185	<50 75.5	90.6 291	335 1,108	5,070 7,450	<50 121	<500 345	<500 1,060	1,520 4,030
	10/2/2002	148.12	10.92	ND	137.20	<2.0	<2.0	<2.0	<4.0	7,430	<3.0	<50	<50	<50
	5/10/2003	148.12	9.28	ND	138.84	<2.0	<2.0	2.4	2.9	24	<3.0	<50	<50	<50
	11/13/2003	148.12	10.03	ND	138.6	<2.0	<2.0	<2.0	<2.0	7	<3.0	<50	<50	<50
	5/18/2004 11/17/2004	148.12 148.12	9.75 NG	ND NG	138.37	22.7	<3.0 12.2	128 175	44.1 386.8	2,410 154	<5.0 81.7	127 504	248 2,090	1,120 2,440
	6/2/2005	148.12	NG 10.03	NG ND	NA 138.09	6.4 <1.00	<3.0	<1.0	<6.0	< 3.0	<5.0	<100	<100	2,440 <100
	12/16/2005	148.12	9.23	ND	138.89	<1.00	<3.00	<1.00	<4.00	< 3.00	< 5.00	<100	<100	<100
	6/27/2006	148.12	8.71	ND	139.41	<1.00	<3.00	<1.00	<4.00	< 3.00	<5.00	<100	<100	<100
	12/14/2006 7/10/2007	148.12 148.12	9.84 9.98	ND ND	138.28 138.14	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	10/17/2007	148.12	10.56	ND ND	138.14	<1.00	<3.00	<1.00	<6.00	3.91	<5.00	<100	<100 199	<100 95.9
	1/8/2008	148.12	9.30	ND	138.82	<1.00	< 3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	78.5
	3/21/2008	148.12	8.52	ND	139.60	<1.00	< 3.00	<1.00	< 6.00	< 3.00	< 5.00	<100	<100	<100
	6/20/2008	148.12	9.74 9.81	ND	138.38	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00 <5.00	<100 <100	118	<500
	9/25/2008 12/18/2008	148.12 148.12	9.81 8.90	ND ND	138.31 139.22	<1.00 <1.00	<3.00	<1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100	<100 <100	76.2 <100
	3/10/2009	148.12	8.75	ND	139.22	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	124	<100
	6/22/2009	148.12	9.16	ND	138.96	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	153	<100	259
	9/17/2009	148.12	9.53	ND	138.59	1.14	<3.00	2.51	4.04	<3.00	<5.00	164	126	248
	12/23/2009 4/21/2010	148.12 148.12	9.30 9.31	ND ND	138.82 138.81	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 57.7
	6/11/2010	148.12	9.83	ND	138.29	1.40	<3.00	<1.00	<6.00	<3.00	<5.00	151	100	191
	6/28/2011	148.12	9.56	ND	138.56	<5.0	< 5.0	< 5.0	<10.0	< 5.0	10.5	160	152	81.7
	12/12/2012	148.12	9.98	ND	138.14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	184	42.8	73.9
	3/26/2014 9/11/2014	148.12	9.25 10.44	ND ND	138.87	<5.0	<5.0	<5.0	<10.0	<5.0 1.5	8.7	127 190	99.3 <100	76.3
	9/11/2014	148.12	10.44	ND	137.68	<1.0	<1.0	1.6	<2.0	1.3	<5.0	190	<100	130

	vell Street ver, MA						De	etected in (Groundwat	er				
Well No. (GW Class) Screen Interval (ft.)	Sampling Date	Top of Casing Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	Ground Water Elevation (ft)	Benzene (µg/l)	Toluene (μg/l)	Ethyl- benzene (μg/l)	Total Xylenes (μg/l)	MTBE (μg/l)	Naph- thalene (µg/l)	C ₅ -C ₈ Aliphatics (µg/l)	C ₉ -C ₁₂ Aliphatics (µg/l)	C ₉ -C ₁₀ Aromatics (µg/l)
MCD Matha	d 1 Standards			W-1 W-2		5	1,000	700	10,000	70	140	300	700	200
MCP Metho	d 1 Standards			W-2 W-3		2,000	50,000 40,000	20,000 5,000	3,000 5,000	50,000	700 20,000	3,000 50,000	5,000 50,000	4,000 50,000
OW-BD	11/20/2000	147.93	9.38	ND	138.55	124	12.6	151	201.6	8,170	38.4	<50	238	782
(GW-1,3)	2/26/2001	147.93	9.06	ND	138.87	84	< 5.0	108	128	4,520	18.7	<100	380	420
20-25'	1/22/2002	147.93	10.20	ND	137.73	<5.0	<5.0	<5.0	<10	646	10	<50	<50	<50
	5/7/2002 10/2/2002	147.93 147.65	8.96 10.44	ND ND	138.97 137.21	<5.0 29.1	<5.0 <2.0	<5.0 72.1	<10 62.7	870 1,480	<5.0 <3.0	<50 <50	<50 <50	<50 145
	5/10/2003	147.65	8.83	ND	137.21	16.4	3.2	134	102.6	967	34.2	<50	<50	710
	11/13/2003	147.65	9.55	ND	138.10	<2.0	<2.0	4.1	4.7	254	<3.0	<50	<50	64
	5/18/2004	147.65	9.27	ND	138.38	1.3	<3.0	2.1	<6.0	113	<5.0	<100	<100	<100
	11/17/2004 6/2/2005	147.65 147.65	NG 9.58	NG ND	NA 138.07	<1.00 <1.00	<3.0	<1.0 <1.0	<6.0 <6.0	3.5 < 3.0	<5.0 <5.0	<100 <100	<100 <100	<100 <100
	12/16/2005	147.65	8.78	ND	138.87	<1.00	<3.00	<1.0	<4.00	<3.00	<5.00	<100	<100	<100
	6/27/2006	147.65	8.21	ND	139.44	<1.00	<3.00	<1.00	<4.00	< 3.00	< 5.00	<100	<100	<100
	12/14/2006	147.65	9.40	ND	138.25	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	7/10/2007 1/8/2008	147.65 147.65	9.48 8.82	ND ND	138.17 138.83	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00 <6.00	<3.00 4.29	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	6/20/2008	147.65	9.28	ND	138.37	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	12/18/2008	147.65	8.41	ND	139.24	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	6/22/2009	147.65	8.67	ND	138.98	<1.00	<3.00	<1.00	<6.00	18	< 5.00	<100	<100	<100
	12/23/2009	147.65	8.80	ND	138.85	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/11/2010	147.65	9.40	ND	138.25	<1.00	<3.00	<1.00	<6.00	20.2	<5.00	<100	<100	<100
OW-C	5/4/1998	141.22	2.65	ND	138.57	<1.0	<1.0	<1.0	<3	84	NA	NA	NA	NA
(GW-1,3)	11/13/1998	141.22	3.04	ND	138.18	<1.0	<1.0	<1.0	<3	1	NA	NA	NA	NA
0.3-12'	12/17/1998	141.22	3.31	ND	137.91	<1.0	<1.0	<1.0	<3	2	NA	NA	NA	NA
	1/6/1999 2/9/1999	141.22 141.22	2.95 5.85	ND ND	138.27 135.37	<1.0	<1.0 <1.0	<1.0 <1.0	<3	8 <1	NA NA	NA NA	NA NA	NA NA
	3/29/1999	141.22	2.55	ND	138.67	<1.0	<1.0	<1.0	<3	43	NA	NA NA	NA NA	NA NA
	6/24/1999	141.22	3.28	ND	137.94	<1.0	<5.0	< 5.0	<15	<5.0	<5.0	<100	<100	<100
	11/4/1999	141.22	2.90	ND	138.32	<1.0	< 5.0	< 5.0	<15	24.6	< 5.0	<100	<100	<100
	12/14/2006 7/10/2007	140.82	2.5	ND	138.32	<1.00	<3.00	<1.00	<6.00 <6.00	<3.00	<5.00	<100	<100	<100
	1/8/2008	140.82 140.82	2.28	ND ND	137.99 138.54	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	6/20/2008	140.82	2.70	ND	138.12	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	1/14/2009	140.82	2.25	ND	138.57	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	6/22/2009 6/10/2010	140.82	2.21 3.02	ND ND	138.61 137.80	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	0/10/2010	140.82	3.02	ND	137.80	<1.00	<3.00	<1.00	<0.00	<5.00	<3.00	<100	<100	<100
OW-D (GW-1,3)	11/4/1999 11/20/2000	141.36 141.36	3.49 3.56	ND ND	139.25 137.80	<1.0 <5.0	<5.0 <5.0	<5.0 <5.0	<15 <5.0	<5.0 <5.0	<5.0 <5.0	<100 <50	<100 <50	<100 <50
1-9'	11/20/2000	141.30	5.50	ND	137.80	0.0	0.0	Q.0	5.0	0.0	0.0)	30	
OW-ED	11/20/2000	148.60	9.73	ND	138.87	6.8	<5.0	<5.0	<10	326	<5.0	<50	<50	<50
(GW-1,3)	2/26/2001	148.60	9.56	ND	139.04	8.1	<5.0	<5.0	<15	87.4	<5.0	<100	<100	<100
25-35'	10/2/2002	148.33	11.04	ND	137.29	3.5	<2.0	<2.0	<4.0	222	<3.0	<50	<50	<50
	11/18/2002	148.33	9.13	ND	139.20	3.5	<2.0	<2.0	<4.0	213	<3.0	<50	<50	<50
	5/10/2003 11/13/2003	148.33 148.33	9.23	ND ND	139.10 138.39	<2.0	<2.0 <1.0	<2.0 <1.0	<4.0 <1.0	22.2 186	<3.0 NS	<50 NS	<50 NS	<50 NS
	5/18/2004	148.33	9.77	ND	138.56	3.1	<3.0	<1.0	<6.0	45.4	<5.0	<100	<100	<100
	May 18 04 Dup	148.33	9.77	ND	138.56	3.6	<3.0	<1.0	<6.0	36.2	< 5.0	<100	<100	<100
	11/17/2004	148.33	NG 0.7	NG	NA	4.4	<3.0	<1.0	<6.0	120	<5.0	<100	<100	<100
	6/2/2005 12/15/2005	148.33 148.33	9.7	ND ND	138.63 139.31	1.9 <1.00	<3.00	<1.00 <1.00	<6.0 <4.00	80.4 105	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	6/27/2006	148.33	8.60	ND	139.73	<1.00	<3.00	<1.00	<4.00	111	<5.00	<100	<100	<100
	12/14/2006	148.33	9.71	ND	138.62	<1.00	<3.00	<1.00	<6.00	117	< 5.00	<100	<100	<100
	7/10/2007	148.33	10.03	ND ND	138.30	<1.00	<3.00	<1.00	<6.00	61.5	<5.00	<100	<100	<100
	1/8/2008 6/20/2008	148.33 148.33	9.35 9.88	ND ND	138.98 138.45	<1.00	<3.00	<1.00	<6.00 <4.00	55.2 109	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	12/18/2008	148.33	8.89	ND	139.44	<1.00	<3.00	<1.00	<6.00	113	<5.00	<100	<100	<100
	6/22/2009	148.33	9.18	ND	139.15	<1.00	<3.00	<1.00	<6.00	141	< 5.00	<100	<100	<100
	12/23/2009	148.33	9.40	ND ND	138.93	<1.00	<3.00	<1.00	<6.00	164	<5.00	<100	<100	<100
	6/11/2010 6/28/2011	148.33 148.33	10.00 10.17	ND ND	138.33 138.16	<1.00 <5.0	<3.00 <5.0	<1.00 <5.0	<6.00 <10.0	<3.00 <5.0	<5.00 <5.0	<100 <75.0	<100 <25.0	<100 <25.0
	9/28/2011	148.33	09.71	ND	138.62	<5.0	<5.0	<5.0	<10.0	34.2	<5.0	<75.0	47.6	<25.0
	12/22/2011	148.33	09.11	ND	139.22	<5.0	< 5.0	< 5.0	<10.0	5	<5.0	<75.0	<25.0	<25.0
	9/10/2012	148.33	10.33	ND	138.00	<5.0	6.4	17.9	<10.0	5	13.3	162	190	188
	12/12/2012 3/27/2013	148.33 148.33	10.05 9.02	ND ND	138.28 139.31	<5.0 <5.0	<5.0 <5.0	<5.0 <5.0	<10.0 <10.0	<5.0 <5.0	<5.0 <5.0	<75.0 <75.0	<25.0 <25.0	26.6 <25.0
	6/19/2013	148.33	8.19	ND	140.14	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<75.0	<25.0	<25.0
	12/16/2013	148.33	9.27	ND	139.06	<5.0	< 5.0	< 5.0	<15.0	< 5.0	< 5.0	<75.0	<25.0	<25.0
	3/31/2015	148.33	8.8	ND	139.53	<1.0	<1.0	<1.0	<3.0	16	<5.0	<100	<100	<100
	9/17/2015	148.33 148.33	24.5 10.07	ND ND	123.83 138.26	<1.0	<1.0 <1.0	<1.0 <1.0	<3.0 <3.0	90 28	<5.0 <5.0	<100 <100	<100 <100	<100 <100
	3/8/2016	148.33	9.61	ND	138.72	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<100	<100	<100
	6/7/2016	148.33	9.83	ND	138.50	<1.0	<1.0	<1.0	<3.0	7.9	<5.0	<100	<100	<100
							1	1	1	1				

Well No.		Top of	Depth		Ground									
(GW Class)		Casing	to	Depth to	Water			Ethyl-	Total		Naph-	C ₅ -C ₈	C9-C12	C9-C10
Screen	a " " "	Elevation	Water	LNAPL	Elevation	Benzene	Toluene	benzene	Xylenes	MTBE	thalene	Aliphatics	Aliphatics	Aromatics
Interval (ft.)	Sampling Date	(ft)	(ft)	(ft)	(ft)	(µg/l)	(μg/l)	(μg/l)	(μg/l)	(µg/l)	(µg/l)	(μg/l)	(μg/l)	(μg/l)
MCDM-d-	d 1 Standards			W-1 W-2		2,000	1,000	700 20,000	10,000 3,000	70 50,000	140 700	3,000	700 5,000	200 4,000
MCP Metho	d 1 Standards			W-2 W-3		10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
OW-F	7/30/1998	147.08	8.07	ND	139.01	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
(GW-1,3)	9/11/1998	147.08	8.90	ND	138.18	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
5-15'	10/26/1998	147.08	8.08	ND	139.00	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	11/13/1998	147.08	8.25	ND	138.83	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
Note:	12/17/1998	147.08	8.56	ND	138.52	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
Well is	1/6/1999	147.08	7.92	ND	139.16	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
confirmed	2/9/1999	147.08	7.05	ND	140.03	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
to be obsctructed	3/29/1999 6/24/1999	147.08 147.08	6.85 8.53	ND ND	140.23 138.55	<1.0 <1.0	<1.0 <5.0	<1.0 <5.0	<3 <15	<1.0 <5.0	NA <5.0	NA <100	NA <100	NA <100
OW-G	7/30/1998	147.57	8.91	ND	138.66	<5	<1.0	<1.0	<3	5	NA	NA	NA	NA
(GW-1,3)	9/11/1998	147.57	9.60	ND	137.97	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
5-15'	10/26/1998	147.57 147.57	8.84 8.96	ND ND	138.73	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	12/17/1998	147.57	9.23	ND	138.61 138.34	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<3	<1.0	NA NA	NA NA	NA NA	NA NA
	1/6/1999	147.57	8.62	ND	138.95	<1.0	<1.0	<1.0	<3	<1.0	NA NA	NA NA	NA NA	NA NA
	2/9/1999	147.57	8.00	ND	139.57	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	3/29/1999	147.57	7.85	ND	139.72	<1.0	<1.0	<1.0	9	10	NA	NA	NA	NA
	6/24/1999	147.57	9.30	ND	138.27	<1.0	<5.0	< 5.0	<15	< 5.0	<5.0	<100	<100	<100
	11/4/1999	147.57	8.47	ND	139.10	<1.0	<5.0	<5.0	<15	<5.0	<5.0	<100	<100	<100
	1/3/2000	147.57	8.75	ND	138.82	<1.0	<5.0	<5.0	<15	<5.0	<5.0	<100	<100	<100
	4/14/2000	147.57	8.32	ND	139.25	<1.0	<5.0	<5.0	<15	6.9	<5.0	<100	<100	<100
	10/2/2002 5/10/2003	147.19 147.19	9.71 7.42	ND ND	137.48 139.77	<2.0	<2.0	<2.0 1.5	<4.0 12.5	<2.0 23.2	<3.0 NS	<50 NS	<50 NS	<50 NS
	5/18/2004	147.19	8.35	ND	138.84	<1.00	7.1	5	17.1	85.2	<5.0	<100	<100	<100
	11/19/2004	147.19	NG	NG	NA	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	6/20/2005	147.19	8.26	ND	138.93	<1.00	<3.0	<1.0	< 6.0	<3.0	< 5.0	<100	<100	<100
	12/16/2005	147.19	6.49	ND	140.70	<1.00	< 3.00	<1.00	<4.00	< 3.00	< 5.00	<100	<100	<100
	6/27/2006	147.19	7.00	ND	140.19	<1.00	<3.00	<1.00	<4.00	<3.00	< 5.00	<100	<100	<100
	12/14/2006	147.19 147.19	8.34	ND	138.85	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	7/11/2007 1/8/2008	147.19	8.78 8.07	ND ND	138.41 139.12	<1.00 <1.00	<3.00	<1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	6/20/2008	147.19	8.51	ND	138.68	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	1/14/2009	147.19	7.92	ND	139.27	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	6/22/2009	147.19	7.80	ND	139.39	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	12/23/2009	147.19	8.00	ND	139.19	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	6/10/2010 9/30/2010	147.19 147.19	8.70 9.78	ND ND	138.49 137.41	<1.00 <5.0	<3.00 <5.0	<1.00	<6.00 <15.0	<3.00	<5.00 <5.0	<100 <75	<100 <25	<100 <25
	12/29/2010	147.19	8.93	ND	137.41	<5.00	<5.00	<5.00 <5.00	<15.00	<5.00 <5.00	<5.00	<75	<25	<25 <25
	3/31/2011	147.19	7.58	ND	139.61	<5.00	<5.00	<5.00	<15.00	<5.00	<5.00	<75	<25	<25
	6/28/2011	147.19	7.81	ND	139.38	< 5.0	<5.0	<5.0	<10.0	< 5.0	<5.0	<75.0	<25.0	<25.0
OW-H	5/20/1998	147.55	NG	ND	NG	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
(GW-1,3)	7/30/1998	147.55	9.34	ND	138.21	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
4-16'	9/11/1998	147.55	10.00	ND	137.55	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	10/26/1998	147.55	9.26	ND	138.29	<1.0	<1.0	<1.0	<3	<1.0	NA	NA	NA	NA
	11/13/1998	147.55	9.31	ND	138.24	<1.0	<1.0	<1.0	<3	<1.0	NA NA	NA NA	NA NA	NA NA
	1/6/1999	147.55 147.55	9.59 8.94	ND ND	137.96 138.61	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<3	<1.0 <1.0	NA NA	NA NA	NA NA	NA NA
	2/9/1999	147.55	8.56	ND	138.99	<1.0	<1.0	<1.0	<3	<1.0	NA NA	NA NA	NA NA	NA NA
	3/29/1999	147.55	8.40	ND	139.15	<1.0	<1.0	<1.0	<3	<1.0	NA	NA NA	NA NA	NA NA
	6/24/1999	147.55	9.74	ND	137.81	<1.0	<5.0	<5.0	<15	<5.0	<5.0	<100	<100	<100
	10/2/2002	147.25	10.02	ND	137.23	<2.0	<2.0	<2.0	<4.0	<2.0	<3.0	<50	<50	<50
	5/18/2004	147.25	9.03	ND	138.22	<1.00	<3.0	<1.0	<6.0	3.5	<5.0	<100	<100	<100
	11/19/2004	147.25	NG 7.90	NG	NA 120.45	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	6/2/2005 12/16/2005	147.25 147.25	7.80 7.81	ND ND	139.45 139.44	<1.00 <1.00	<3.00	<1.00 <1.00	<6.0 <4.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	6/27/2006	147.25	7.68	ND	139.44	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	12/13/2006	147.25	8.68	ND	138.57	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	7/10/2007	147.25	9.10	ND	138.15	<1.00	< 3.00	<1.00	< 6.00	< 3.00	< 5.00	<100	<100	<100
	1/7/2008	147.25	8.39	ND	138.86	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	6/20/2008	147.25	8.82	ND	138.43	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
		147.25	7.94	ND	139.31	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	12/18/2008	147.05	0.20	NIE								< 100	< 100	<100
	6/22/2009	147.25	8.28 8.47	ND ND	138.97									<100
		147.25 147.25 147.25	8.28 8.47 9.11	ND ND ND	138.97 138.78 138.14	<1.00 <1.00 <1.00	<3.00 <3.00	<1.00	<6.00 <4.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100

	er, MA													
Well No. (GW Class) Screen Interval (ft.)	Sampling Date	Top of Casing Elevation	Depth to Water (ft)	Depth to LNAPL (ft)	Ground Water Elevation	Benzene (μg/l)	Toluene (μg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	Naph- thalene (µg/l)	C ₅ -C ₈ Aliphatics (µg/l)	C ₉ -C ₁₂ Aliphatics (µg/l)	C ₉ -C ₁₀ Aromatic (µg/l)
miervai (ji.)	Samping Date	(11)		W-1	(11)	5	1,000	700	10,000	70	140	300	700	200
MCP Method	d 1 Standards		G	iW-2		2,000	50,000	20,000	3,000	50,000	700	3,000	5,000	4,000
				iW-3		10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
OW-I	5/27/1998	146.61	NG	ND	NG	<1.0	<1.0	<1.0	<3.0	200	NA	NA	NA	NA
(GW-1,3)	7/30/1998	146.61	8.18	ND	138.43	24	<1.0	<1.0	<3.0	3,200	NA	NA	NA	NA
Total depth	9/11/1998	146.61	8.81	ND	137.80	<1.0	<1.0	3	<3.0	2,800	NA	NA	NA	NA
= 12.5'	10/26/1998	146.61	8.09	ND	138.52	<20	<1.0	<1.0	<3.0	2,100	NA	NA	NA	NA
	11/13/1998 12/17/1998	146.61 146.61	8.19 8.41	ND ND	138.42 138.20	<20 <1.0	<1.0 <1.0	<1.0 <1.0	<3.0 <3.0	1,200 780	NA NA	NA NA	NA NA	NA NA
	1/6/1999	146.61	7.74	ND	138.87	<10	<1.0	<1.0	<3.0	670	NA	NA	NA	NA
	2/9/1999	146.61	7.40	ND	139.21	<1.0	<1.0	<1.0	<3.0	360	NA	NA	NA	NA
	3/29/1999	146.61	7.13	ND	139.48	13	<1.0	2	<3.0	1,400	NA	NA	NA	NA
	4/26/1999	146.61	7.74	ND	138.87	8.8	< 5.0	< 5.0	< 5.0	1,100	<5	<50	<50	<50
	5/27/1999	146.61	7.84	ND	138.77	20	<1	26	< 5.0	1,000	NA	NA	NA	NA
	6/24/1999	146.61	8.62	ND	137.99	10.2	< 5.0	28.1	<15	807	<5	<100	<100	<100
	7/20/1999	146.61	8.81	ND	137.80	< 5.0	<1	5	<3.0	530	NA	NA	NA	NA
	11/4/1999	146.61	7.70	ND	138.91	<1.0	< 5.0	< 5.0	<15	104	< 5.0	<100	<100	<100
	1/3/2000	146.61	8.03	ND	138.58	<1.0	<5.0	<5.0	<15	61.4	< 5.0	<100	<100	<100
	2/16/2000	146.61	7.43	ND	139.18	<1.0	<5.0	<5.0	<15	61.3	<5.0	<100	<100	<100
	2/25/2000	146.61	6.87	ND	139.74	<1.0	<1.0	<1.0	<3.0	100	NS 5.0	NS -100	NS -100	NS
	4/14/2000 8/21/2000	146.61	7.73 8.21	ND ND	138.88 138.40	<1.0 <1.0	<5.0 <5.0	<5.0 <5.0	<15 <15	96 28.5	<5.0	<100 <100	<100 <100	<100 <100
	11/20/2000	146.61 146.61	7.65	ND ND	138.40	<1.0	<5.0	<5.0	<15	28.5	<5.0 <5.0	<50	<50	<100 <50
	2/26/2001	146.61	7.68	ND	138.96	<1.0	<5.0	<5.0	<10	510	<5.0	<100	<100	<100
	7/16/2001	146.61	8.61	ND	138.00	<5.0	<5.0	<5.0	<10	873	<5.0	<50	<50	<50
	1/22/2002	146.61	8.48	ND	138.13	<5.0	<5.0	<5.0	<10	2,540	<5.0	<50	<50	<50
	5/7/2002	146.61	7.38	ND	139.23	<5.0	<5.0	<5.0	<10	561	17.8	<50	<50	<50
	11/13/2003	145.43	7.91	ND	137.52	<1.0	<1.0	<1.0	<3.0	191	NS	NS	NS	NS
	5/20/2004	145.43	7.67	ND	137.76	<1.00	<3.0	<1.0	< 6.0	21.5	< 5.0	<100	<100	<100
	6/2/2005	145.43	7.27	ND	138.16	<1.00	<3.0	<1.0	< 6.0	< 3.0	< 5.0	<100	<100	<100
	12/15/2005	145.43	6.13	ND	139.30	<1.00	< 3.00	<1.00	<4.00	< 3.00	< 5.00	<100	<100	<100
	6/26/2006	145.43	6.19	ND	139.24	<1.00	<3.00	<1.00	<4.00	< 3.00	< 5.00	<100	<100	<100
	12/13/2006	145.43	7.54	ND	137.89	<1.00	<3.00	<1.00	< 6.00	4.71	< 5.00	<100	<100	<100
	7/10/2007	145.43	7.99	ND	137.44	<1.00	< 3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	1/7/2008	145.43	7.34	ND	138.09	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/19/2008	145.43	7.71	ND	137.72	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	1/14/2009	145.43	7.14	ND	138.29	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100 <100	<100	<100
	6/19/2009 12/22/2009	145.43 145.43	7.17 9.05	ND ND	138.26 136.38	<1.00 <1.00	<3.00	<1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100	<100 <100	<100 <100
	6/10/2010	145.43	3.01	ND	142.42	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	0/10/2010	143.43	3.01	ND	142.42	<1.00	₹3.00	<1.00	<0.00	₹3.00	₹3.00	<100	<100	<100
OW-J	5/27/1998	146.63	NG	NG	NA	11	<1.0	<1.0	<3	2,900	NA	NA	NA	NA
(GW-1,3)	7/30/1998	146.63	7.92	ND	138.71	<500	20	120	220	13,000	NA	NA	NA	NA
otal depth	9/11/1998	146.63	8.50	ND	138.13	34	<1.0	1	<3	1,100	NA	NA	NA	NA
= 12.8'	10/26/1998	146.63	7.87	ND	138.76	18	<1.0	<1.0	<3	830	NA	NA	NA	NA
	11/13/1998	146.63	7.80	ND	138.83	<100	<1.0	6	<3	2,300	NA	NA	NA	NA
	12/17/1998	146.63	8.56	ND	138.05	43	<1.0	21	<3	2,700	NA	NA	NA	NA
	1/6/1999	146.63	7.52	ND	139.11	3	<1.0	<1	<3	720	NA	NA	NA	NA
	2/9/1999	146.63	7.30	ND	139.33	35	1	24	<3	1500	NA	NA	NA	NA
	3/29/1999	146.63	7.08	ND	139.55	<1.0	<1.0	<1.0	<3	100	NA	NA	NA	NA
	4/26/1999	146.63	7.53	ND	139.10	116	<5.0	75.2	<15	5,150	62	<50	299	330
	5/27/1999	146.63	7.54	ND	139.09	130	2	66	<3	6,500	NA .50	NA -1.000	NA	NA -1.000
	6/24/1999 7/20/1999	146.63 146.63	8.20 8.34	ND ND	138.43 138.29	54	<50 <1.0	<50 <1.0	<150 <3	3,780 460	<50 NA	<1,000 NA	<1,000 NA	<1,000 NA
	11/4/1999	146.63	7.50	ND	139.13	<10 3	<5.0	<5.0	<15	460	<5.0	<100	NA <100	<100
	1/3/2000	146.63	7.70	ND	138.93	9.7	<5.0	<5.0	<15	513	<5.0	<100	<100	<100
			7.44	ND	139.19	3.4	<5.0	<5.0	<15	165	<5.0	<100	<100	<100
	2/16/2000	146.63	7.44	ND	137.17							NS	NS	NS
	2/16/2000	146.63	7.02	ND	139.61	4.6	<1.0	4.6	<3.0	260	NS	140		
									<3.0 <15	260 194	<5.0	<100	<100	<100
	2/25/2000 4/14/2000 8/21/2000	146.63 146.63	7.02 7.61 7.97	ND ND ND	139.61 139.02 138.66	4.6	<1.0 <5.0 <5.0	4.6 <5.0 <5.0	<15 <15	194 957				
	2/25/2000 4/14/2000 8/21/2000 11/20/2000	146.63 146.63 146.63	7.02 7.61 7.97 7.74	ND ND ND ND	139.61 139.02 138.66 138.89	4.6 <1.0 10.5 <5.0	<1.0 <5.0 <5.0 <5.0	4.6 <5.0 <5.0 <5.0	<15 <15 <10	194 957 322	<5.0 <5.0 <5.0	<100 <100 <50	<100 <100 <50	<100 <100 <50
	2/25/2000 4/14/2000 8/21/2000 11/20/2000 2/26/2001	146.63 146.63 146.63 146.63	7.02 7.61 7.97 7.74 8.63	ND ND ND ND ND	139.61 139.02 138.66 138.89 138.00	4.6 <1.0 10.5 <5.0 72.6	<1.0 <5.0 <5.0 <5.0 <5.0	4.6 <5.0 <5.0 <5.0 35.2	<15 <15 <10 <15	194 957 322 3,180	<5.0 <5.0 <5.0 6.3	<100 <100 <50 <100	<100 <100 <50 150	<100 <100 <50 200
	2/25/2000 4/14/2000 8/21/2000 11/20/2000 2/26/2001 7/16/2001	146.63 146.63 146.63 146.63 146.63	7.02 7.61 7.97 7.74 8.63 7.91	ND ND ND ND ND ND	139.61 139.02 138.66 138.89 138.00 138.72	4.6 <1.0 10.5 <5.0 72.6 43	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	4.6 <5.0 <5.0 <5.0 35.2 <5.0	<15 <15 <10 <15 <10	194 957 322 3,180 2,700	<5.0 <5.0 <5.0 6.3 <5.0	<100 <100 <50 <100 <50	<100 <100 <50 150 129	<100 <100 <50 200 258
	2/25/2000 4/14/2000 8/21/2000 11/20/2000 2/26/2001 7/16/2001 9/7/2001	146.63 146.63 146.63 146.63 146.63 146.63	7.02 7.61 7.97 7.74 8.63 7.91 9.59	ND	139.61 139.02 138.66 138.89 138.00 138.72 137.04	4.6 <1.0 10.5 <5.0 72.6 43 <5.0	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	4.6 <5.0 <5.0 <5.0 <5.0 35.2 <5.0 <5.0	<15 <15 <10 <15 <10 <10	194 957 322 3,180 2,700 146	<5.0 <5.0 <5.0 6.3 <5.0 <5.0	<100 <100 <50 <100 <50 <50	<100 <100 <50 150 129 <50	<100 <100 <50 200 258 54.8
	2/25/2000 4/14/2000 8/21/2000 11/20/2000 2/26/2001 7/16/2001 9/7/2001 5/7/2002	146.63 146.63 146.63 146.63 146.63 146.63 146.63	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34	ND N	139.61 139.02 138.66 138.89 138.00 138.72 137.04 139.29	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <5.0	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	4.6 <5.0 <5.0 <5.0 <5.0 35.2 <5.0 <5.0 <5.0	<15 <10 <15 <10 <15 <10 <10 <10 <10	194 957 322 3,180 2,700 146 512	<5.0 <5.0 <5.0 6.3 <5.0 <5.0 <5.0	<100 <100 <100 <50 <100 <50 <50 <50 <50	<100 <100 <50 150 129 <50 <50	<100 <100 <100 <50 200 258 54.8 <50
	2/25/2000 4/14/2000 8/21/2000 11/20/2000 2/26/2001 7/16/2001 9/7/2001 5/7/2002	146.63 146.63 146.63 146.63 146.63 146.63 146.63 146.63	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34 7.50	ND N	139.61 139.02 138.66 138.89 138.00 138.72 137.04 139.29 137.96	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <5.0 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	4.6 <5.0 <5.0 <5.0 35.2 <5.0 <5.0 <5.0 <1.0	<15 <15 <10 <15 <10 <15 <10 <10 <10 <10 <6.0	194 957 322 3,180 2,700 146 512 144	<5.0 <5.0 <5.0 6.3 <5.0 <5.0 <5.0 <5.0	<100 <100 <50 <100 <50 <50 <50 <50 <50 <50 <50 <100	<100 <100 <50 150 129 <50 <50 <100	<100 <100 <100 <50 200 258 54.8 <50 <100
	2/25/2000 4/14/2000 8/21/2000 11/20/2000 2/26/2001 7/16/2001 9/7/2001 5/7/2002 5/20/2004 11/8/2004	146.63 146.63 146.63 146.63 146.63 146.63 146.63 146.63 145.46	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34 7.50 NG	ND N	139.61 139.02 138.66 138.89 138.00 138.72 137.04 139.29 137.96 NA	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <5.0 <1.00 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	4.6 <5.0 <5.0 <5.0 35.2 <5.0 <5.0 <5.0 <1.0 8.1	<15 <15 <10 <10 <10 <10 <10 <6.0 <6.0	194 957 322 3,180 2,700 146 512 144 1,050	<5.0 <5.0 <5.0 6.3 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<100 <100 <100 <50 <100 <50 <50 <50 <100 <10	<100 <100 <100 <50 150 129 <50 <50 <100 <100	<100 <100 <100 <50 200 258 54.8 <50 <100 <100
	2/25/2000 4/14/2000 8/21/2000 11/20/2000 2/26/2001 7/16/2001 5/7/2002 5/20/2004 11/8/2004 6/2/2005	146.63 146.63 146.63 146.63 146.63 146.63 146.63 146.63 145.46 145.46	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34 7.50 NG	ND N	139.61 139.02 138.66 138.89 138.00 138.72 137.04 139.29 137.96 NA 138.06	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <1.00 <1.00 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	4.6 <5.0 <5.0 <5.0 <5.0 35.2 <5.0 <5.0 <1.0 8.1 <3.0	<15 <15 <10 <15 <10 <10 <10 <10 <6.0 <6.0 <6.0	194 957 322 3,180 2,700 146 512 144 1,050 < 3.0	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<100 <100 <100 <50 <100 <50 <50 <100 <10	<100 <100 <100 <50 150 129 <50 <50 <100 <100 <100	<100 <100 <100 <50 200 258 54.8 <50 <100 <100 <100
	2/25/2000 4/14/2000 8/21/2000 11/20/2000 2/26/2001 7/16/2001 5/7/2002 5/20/2004 11/8/2004 6/2/2005 12/15/2005	146.63 146.63 146.63 146.63 146.63 146.63 146.63 145.46 145.46	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34 7.50 NG 7.4 5.71	ND N	139.61 139.02 138.66 138.89 138.00 138.72 137.04 139.29 NA 138.06 139.75	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <5.0 <1.00 <1.00 <1.00 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	4.6 <5.0 <5.0 <5.0 <5.0 35.2 <5.0 <5.0 <1.0 8.1 <3.0 <1.00	<15 <15 <10 <15 <10 <15 <10 <10 <10 <6.0 <6.0 <6.0 <4.00	194 957 322 3,180 2,700 146 512 144 1,050 < 3.0 <3.00	<5.0 <5.0 <5.0 6.3 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<100 <100 <100 <50 <100 <50 <50 <50 <100 <10	<100 <100 <100 <50 150 129 <50 <50 <100 <100 <100 <100 <100	<100 <100 <100 <50 200 258 54.8 <50 <100 <100 <100 <100 <100
	2/25/2000 4/14/2000 8/21/2000 11/20/2000 2/26/2001 7/16/2001 5/7/2002 5/20/2004 11/8/2005 12/15/2005 6/26/2006	146.63 146.63 146.63 146.63 146.63 146.63 146.63 145.46 145.46 145.46	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34 7.50 NG 7.4 5.71 6.26	ND N	139.61 139.02 138.66 138.89 138.00 138.72 137.04 139.29 137.96 NA 138.06 139.75	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <5.0 <1.00 <1.00 <1.00 <1.00 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	4.6 <5.0 <5.0 <5.0 35.2 <5.0 <5.0 <5.0 <1.0 <1.00 <1.00	<15 <15 <10 <15 <10 <10 <10 <10 <6.0 <6.0 <6.0 <4.00 <4.00	194 957 322 3,180 2,700 146 512 144 1,050 < 3.00 < 3.00	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<100 <100 <100 <50 <100 <50 <100 <50 <100 <10	<100 <100 <100 <50 150 129 <50 <50 <100 <100 <100 <100 <100 <100	<100 <100 <100 <50 200 258 54.8 <50 <100 <100 <100 <100 <100 <100 <100
	2/25/2000 4/14/2000 4/14/2000 11/20/2000 2/26/2001 9/7/2001 5/7/2002 5/20/2004 11/8/2004 6/2/2005 12/15/2005 12/15/2006	146.63 146.63 146.63 146.63 146.63 146.63 146.63 145.46 145.46 145.46 145.46	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34 7.50 NG 7.4 5.71 6.26 7.15	ND N	139.61 139.02 138.66 138.89 138.00 138.72 137.04 139.29 137.96 NA 138.06 139.75 139.20	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <5.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <3.0 <3.0 <3.0 <3.00 <3.00 <3.00	4.6 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <1.00 <1.00 <1.00 <1.00	<15 <15 <10 <15 <10 <10 <10 <10 <6.0 <6.0 <6.0 <4.00 <4.00 <6.00	194 957 322 3,180 2,700 146 512 144 1,050 < 3.00 < 3.00 < 3.00 3.70	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<100 <100 <100 <50 <100 <50 <100 <50 <100 <10	<100 <100 <100 <50 150 129 <50 <100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <50 200 258 54.8 <50 <100 <100 <100 <100 <100 <100 <100
	2/25/2000 4/14/2000 4/14/2000 11/20/2000 12/26/2001 9/7/2001 5/7/2002 5/20/2004 11/8/2005 6/26/2005 6/26/2005 12/15/2005 7/10/2007	146.63 146.63 146.63 146.63 146.63 146.63 145.46 145.46 145.46 145.46 145.46 145.46	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34 7.50 NG 7.4 5.71 6.26 7.15	ND N	139.61 139.02 138.66 138.89 138.00 138.72 137.04 139.29 NA 138.06 139.75 139.20 138.31	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <3.0 <3.0 <3.0 <3.0 <3.00 <3.00 <3.00 <3.00	4.6 <5.0 <5.0 <5.0 35.2 <5.0 <5.0 <1.0 <1.00 <1.00 <1.00 <1.00	<15 <15 <10 <15 <10 <10 <15 <10 <10 <6.0 <6.0 <6.0 <6.0 <4.00 <4.00 <6.00 <6.00 <6.00 <6.00	194 957 322 3,180 2,700 146 512 144 1,050 < 3.0 <3.00 < 3.00 3.70 8.12	 <5.0 <5.00 <5.00 <5.00 <5.00 	<100 <100 <100 <50 <100 <50 <50 <100 <10	<100 <100 <100 <50 150 129 <50 <100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <50 200 258 54.8 <50 <100 <100 <100 <100 <100 <100 <100
	2/25/2000 4/14/2000 4/14/2000 11/20/2000 12/26/2001 9/7/2001 5/7/2002 5/20/2004 11/8/2004 6/2/2005 12/15/2005 6/26/2006 12/15/2005 12/15/2005 12/15/2005	146.63 146.63 146.63 146.63 146.63 146.63 145.46 145.46 145.46 145.46 145.46 145.46 145.46	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34 7.50 7.4 5.71 6.26 7.59	ND N	139.61 139.02 138.66 138.89 138.00 138.72 137.04 139.29 137.96 NA 138.06 139.75 139.20	4.6 <1.0 10.5 10.5 72.6 43 <5.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <3.0 <3.0 <3.0 <3.00 <3.00 <3.00	4.6 <5.0 <5.0 <5.0 35.2 <5.0 <1.0 <1.0 <1.00 <1.00 <1.00 <1.00	<15 <15 <10 <15 <10 <10 <10 <10 <6.0 <6.0 <6.0 <4.00 <4.00 <6.00	194 957 322 3,180 2,700 146 512 144 1,050 < 3.00 < 3.00 < 3.00 < 3.00 8.12	<5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<100 <100 <100 <50 <50 <50 <100 <50 <100 <10	<100 <100 <100 <50 150 129 <50 <100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <50 200 258 54.8 <50 <100 <100 <100 <100 <100 <100 <100
	2/25/2000 4/14/2000 4/14/2000 11/20/2000 12/26/2001 9/7/2001 5/7/2002 5/20/2004 11/8/2005 6/26/2005 6/26/2005 12/15/2005 7/10/2007	146.63 146.63 146.63 146.63 146.63 146.63 145.46 145.46 145.46 145.46 145.46 145.46	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34 7.50 NG 7.4 5.71 6.26 7.15	ND N	139.61 139.02 138.66 138.89 138.00 138.72 137.04 139.29 137.96 NA 138.06 139.75 139.20 138.31 137.87	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <3.0 <3.0 <3.0 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00	4.6 <5.0 <5.0 <5.0 35.2 <5.0 <5.0 <1.0 <1.0 <1.00 <1.00 <1.00	<15 <15 <10 <15 <10 <10 <10 <10 <6.0 <6.0 <6.0 <4.00 <4.00 <6.00 <6.00 <6.00 <6.00	194 957 322 3,180 2,700 146 512 144 1,050 < 3.0 <3.00 < 3.00 3.70 8.12	 <5.0 <5.00 <5.00 <5.00 <5.00 <5.00 <5.00 	<100 <100 <100 <50 <100 <50 <50 <100 <10	<100 <100 <100 <50 150 129 <50 <100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <50 200 258 54.8 <50 <100 <100 <100 <100 <100 <100 <100
	2/25/2000 4/14/2000 4/14/2000 11/20/2000 12/26/2001 9/7/2001 5/7/2002 5/20/2004 11/8/2004 6/2/2005 12/15/2005 12/15/2005 12/15/2005 12/15/2006 7/10/2007	146.63 146.63 146.63 146.63 146.63 146.63 146.63 145.46 145.46 145.46 145.46 145.46 145.46 145.46	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34 7.50 NG 7.4 5.71 6.26 7.15 7.59 7.01	ND N	139.61 139.02 138.66 138.89 138.72 137.04 139.29 137.96 NA 138.06 139.75 139.20 137.87 138.31	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <3.0 <3.0 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00	4.6 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0	<15 <15 <10 <10 <10 <10 <10 <10 <4.00 <6.0 <6.0 <4.00 <4.00 <6.00 <6.00 <4.00 <4.00 <4.00 <4.00	194 957 322 3,180 2,700 146 512 144 1,050 <3.00 <3.00 <3.00 3.70 8.12 4.22 5.01	 <5.0 <5.00 <5.00 <5.00 <5.00 <5.00 <5.00 <5.00 	<100 <100 <100 <50 <100 <50 <50 <50 <100 <10	<100 <100 <100 <100 <50 150 129 <50 <100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <50 200 258 54.8 <50 <100 <100 <100 <100 <100 <100 <100
	2/25/2000 4/14/2000 4/14/2000 4/14/2000 11/20/2000 12/26/2001 9/7/2001 5/7/2002 5/7/2002 5/7/2002 6/2/2005 6/2/2005 6/2/2005 6/2/2005 6/2/2005 12/15/2005 6/2/2005 12/15/2005 6/2/2005 12/15/2005 12/15/2005 12/15/2005 12/15/2005 12/15/2005	146.63 146.63 146.63 146.63 146.63 146.63 146.63 145.46 145.46 145.46 145.46 145.46 145.46 145.46 145.46	7.02 7.61 7.97 7.74 8.63 7.91 9.59 NG 7.4 7.50 NG 7.4 6.26 7.15 7.59 7.01	ND N	139.61 139.02 138.66 138.89 138.00 138.72 137.04 139.29 137.96 NA 138.06 139.75 139.20 137.87 138.31 137.87 138.45 138.45	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <5.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <3.0 <3.0 <3.0 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00	4.6 <.5.0 <.5.0 <.5.0 <.5.0 <.5.0 <.5.0 <.5.0 <.1.0 <.1.0 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 <.1.00 .1.00 </.1.00</td <td><15 <15 <10 <10 <10 <10 <10 <10 <6.0 <6.0 <4.00 <4.00 <4.00 <4.00 <4.00 <4.00 <4.00 <6.00 <4.00 <4.00</td> <td>194 957 322 3,180 2,700 146 512 144 1,050 < 3.00 < 3.00 < 3.00 < 3.00 4.20 4.22 5.01</td> <td> <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.00 </td> <td><100 <100 <100 <50 <50 <100 <50 <100 <10</td> <td><100 <100 <100 <100 <50 150 129 <50 <100 <100 <100 <100 <100 <100 <100</td> <td><100 <100 <100 <50 200 258 54.8 <50 <100 <100 <100 <100 <100 <100 <100</td>	<15 <15 <10 <10 <10 <10 <10 <10 <6.0 <6.0 <4.00 <4.00 <4.00 <4.00 <4.00 <4.00 <4.00 <6.00 <4.00 <4.00	194 957 322 3,180 2,700 146 512 144 1,050 < 3.00 < 3.00 < 3.00 < 3.00 4.20 4.22 5.01	 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.00 	<100 <100 <100 <50 <50 <100 <50 <100 <10	<100 <100 <100 <100 <50 150 129 <50 <100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <50 200 258 54.8 <50 <100 <100 <100 <100 <100 <100 <100
	2/25/2000 4/14/2000 4/14/2000 11/20/2000 12/26/2001 9/7/2001 5/7/2002 5/20/2004 11/8/2004 6/2/2005 12/15/2005 6/26/2006 12/15/2005 12/15/2005 6/19/2008 6/19/2008 6/19/2008	146.63 146.63 146.63 146.63 146.63 146.63 145.46 145.46 145.46 145.46 145.46 145.46 145.46 145.46 145.46	7.02 7.61 7.97 7.74 8.63 7.91 9.59 7.34 7.50 NG 7.4 5.71 6.26 7.15 7.59 7.01 7.32	ND N	139.61 139.02 138.66 138.89 138.80 138.70 139.29 137.04 139.29 NA 138.06 NA 138.06 139.75 139.20 138.31 137.84 138.45 138.14 138.58	4.6 <1.0 10.5 <5.0 72.6 43 <5.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<1.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <3.0 <3.0 <3.0 <3.0 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00 <3.00	4.6 <5.0 <5.0 <5.0 <5.0 35.2 <5.0 <5.0 <5.0 <5.0 <1.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<15 <15 <10 <10 <10 <10 <6.0 <6.0 <4.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00	194 957 322 3,180 2,700 146 512 144 1,050 < 3.00 < 3.00 < 3.00 < 3.00 < 3.00 1,050 < 3.00 < 3.	 <5.0 <5.00 	<100 <100 <100 <50 <50 <100 <50 <50 <100 <10	<100 <100 <100 <100 <50 150 129 <50 <100 <100 <100 <100 <100 <100 <100	<100 <100 <100 <100 <200 228 258 54.8 <50 <100 <100 <100 <100 <100 <100 <100

Andov	ver, MA													
Well No. (GW Class) Screen		Top of Casing Elevation	Depth to Water	Depth to	Ground Water Elevation	Benzene	Toluene	Ethyl- benzene	Total Xylenes	МТВЕ	Naph- thalene	C ₅ -C ₈ Aliphatics	C ₉ -C ₁₂ Aliphatics	C ₉ -C ₁₀
Interval (ft.)	Sampling Date	(ft)	(ft)	(ft)	(ft)	(µg/l)	(µg/l)	(µg/l)	(μg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
				W-1		5	1,000	700	10,000	70	140	300	700	200
MCP Metho	d 1 Standards			W-2		2,000	50,000	20,000	3,000	50,000	700	3,000	5,000	4,000
	1			W-3		10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
OW-K	6/24/1999	145.14	8.03	ND	137.11	<1.0	<5.0	<5.0	<15	554	<5	<100	<100	<100
(GW-1,3) 3-16'	8/20/1999 11/4/1999	145.14 145.14	8.10 6.81	ND ND	137.04 138.33	<1.0 <1.0	<5.0 <5.0	<5.0 <5.0	<15 <15	662 321	<5.0 <5.0	<100 <100	<100 <100	<100 <100
3-10	1/3/2000	145.14	7.34	ND	137.80	<1.0	<5.0	<5.0	<15	340	<5.0	<100	<100	<100
	4/14/2000	145.14	6.91	ND	138.23	<1.0	<5.0	<5.0	<15	185	<5.0	<100	<100	<100
	8/21/2000	145.14	7.52	ND	137.62	<1.0	<5.0	<5.0	<15	165	<5.0	<100	<100	<100
	11/20/2000	145.14	6.91	ND	138.23	<5.0	< 5.0	< 5.0	<10	192	< 5.0	<50	<50	<50
	5/20/2004	143.97	7.00	ND	136.97	<1.00	<3.0	<1.0	< 6.0	388	< 5.0	<100	<100	<100
	11/18/2004	143.97	NG	NG	NA	<1.00	<3.0	<1.0	<6.0	591	< 5.0	<100	<100	<100
	6/20/2005	143.97	6.79	ND	137.18	<1.00	<3.0	<1.0	<6.0	54.1	< 5.0	<100	<100	<100
	6/20/2005 Dup	143.97	6.79	ND	137.18	<1.00	<3.0	<1.0	<6.0	68	<5.0	<100	<100	<100
	12/15/2005	143.97	5.08	ND	138.89	<1.00	<3.00	<1.00	<4.00	7.68	<5.00	<100	<100	<100
	12/15/2005 Dup	143.97	5.08	ND	138.89	<1.00	<3.0	<1.0	<4.0	10.1	<5.0	<100	<100	<100
	6/26/2006	143.97 143.97	5.01	ND	138.96	<1.00	<3.00	<1.00	<4.00 <4.00	< 3.00	<5.00	<100	<100	<100
	6/26/2006 Dup 12/13/2006	143.97	5.01 6.65	ND ND	138.96 137.32	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00	< 3.00 65.8	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	12/13/2006 Dup	143.97	6.65	ND	137.32	<1.00	<3.00	<1.00	<6.00	65.3	<5.00	<100	<100	<100
	7/10/2007	143.97	7.31	ND	136.66	<1.00	<3.00	<1.00	<6.00	52.0	<5.00	<100	<100	<100
	7/10/2007 Dup	143.97	7.31	ND	136.66	<1.00	<3.00	<1.00	<6.00	46.9	<5.00	<100	<100	<100
	1/7/2008	143.97	6.65	ND	137.32	<1.00	<3.00	<1.00	<6.00	102.0	< 5.00	<100	<100	<100
	1/7/2008 dup	143.97	6.65	ND	137.32	<1.00	< 3.00	<1.00	< 6.00	98.3	< 5.00	<100	<100	<100
	6/19/2008	143.97	6.92	ND	137.05	<1.00	<3.00	<1.00	<4.00	47.7	<100	<100	<100	<100
	6/19/2008 Dup	143.97	6.92	ND	137.05	<1.00	<3.00	<1.00	<4.00	45.3	<100	<100	<100	<100
	1/14/2009	143.97	6.40	ND	137.57	<1.00	<3.00	<1.00	<6.00	18.6	< 5.00	<100	<100	<100
	1/14/2009 dup	143.97	6.40	ND	137.57	<1.00	<3.00	<1.00	<6.00	18.9	<5.00	<100	<100	<100
	6/19/2009	143.97	5.92	ND	138.05	<1.00	<3.00	<1.00	<6.00	8.06	<5.00	<100	<100	<100
	6/19/2009 Dup 12/22/2009	143.97 143.97	5.92 6.37	ND ND	138.05 137.60	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00 <6.00	5.68 9.95	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	12/22/2009 12/22/2009 dup	143.97	6.37	ND	137.60	<1.00	<3.00	<1.00	<6.00	9.93	<5.00	<100	<100	<100
	6/11/2010	143.97	7.34	ND	136.63	<1.00	<3.00	<1.00	<6.00	18.9	<5.00	<100	<100	<100
	6/11/2010 Dup	143.97	7.34	ND	136.63	<1.00	<3.00	<1.00	<6.00	17.8	<5.00	<100	<100	<100
	6/28/2011	143.97	6.41	ND	137.56	< 5.0	< 5.0	< 5.0	<15.0	< 5.0	< 5.0	<75.0	<25.0	<25.0
OW-L	6/24/1999	144.28	6.40	ND	137.88	<1.0	<5	<5	<15	11.8	<5	<100	<100	<100
(GW-1,3)	11/4/1999	144.28	5.45	ND	138.83	<1.0	< 5.0	< 5.0	<15	< 5.0	< 5.0	<100	<100	<100
3-16'	1/3/2000	144.28	5.90	ND	138.38	<1.0	< 5.0	< 5.0	<15	5.7	< 5.0	<100	<100	<100
	2/25/2000	144.28	4.05	ND	140.23	<1.0	<1.0	<1.0	<3	<1.0	NS	NS	NS	NS
	11/18/2004	143.14	NG	NG	NA 127.00	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	6/20/2005	143.14	5.25	ND	137.89	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	12/15/2005 6/26/2006	143.14 143.14	3.44 4.03	ND ND	139.70 139.11	<1.00 <1.00	<3.00	<1.00 <1.00	<4.00 <4.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	7/10/2007	143.14	5.78	ND	137.36	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	1/7/2008	143.14	5.81	ND	137.33	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/19/2008	143.14	5.47	ND	137.67	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	1/14/2009	143.14	4.91	ND	138.23	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/19/2009	143.14	4.14	ND	139.00	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	12/22/2009	143.14	4.97	ND	138.17	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	6/11/2010	143.14	5.90	ND	137.24	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
							1							
OW-M	6/24/1999	144.00	7.26	ND	136.74	<1.0	<5	<5	<15	7.5	<5	<100	<100	<100
(GW-1,3)	10/13/1999	144.00	16.64	ND	127.36	<1.0	<5.0	<5.0	<15	376	<5.0	<100	<100	<100
3-16'	11/4/1999 4/14/2000	144.00 144.00	6.11	ND ND	137.89 137.96	<1.0 <1.0	<5.0 <5.0	<5.0 <5.0	<15 <15	<5.0 <5.0	<5.0 <5.0	<100 <100	<100 <100	<100 <100
	8/21/2000	144.00	6.14	ND ND	137.86	<1.0	<5.0	<5.0	<15	<5.0 15.2	<5.0	<100	<100	<100
	11/20/2000	144.00	6.03	ND	137.86	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<50	<50	<50
	2/26/2001	144.00	5.57	ND	138.43	<1.0	<5.0	<5.0	<15	972	<5.0	680	<100	<100
	7/16/2001	144.00	6.21	ND	137.79	<5.0	<5.0	<5.0	<5.0	13.3	<5.0	<50	<50	<50
	1/22/2002	144.00	6.81	ND	137.19	<5.0	<5.0	<5.0	<10	18.1	<5.0	<50	<50	<50
	5/7/2002	144.00	5.92	ND	138.08	< 5.0	< 5.0	< 5.0	<10	15.1	< 5.0	<50	<50	< 50
	6/20/2005	142.81	5.93	ND	136.88	< 1.00	< 3.00	< 1.00	< 6.0	11.4	< 5.0	<100	<100	<100
	6/26/2006	142.81	4.25	ND	138.56	<1.00	13.1	<1.00	<4.00	<3.00	< 5.00	<100	<100	<100
	7/10/2007	142.81	6.35	ND	136.46	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	1/7/2008	142.81	5.72	ND	137.09	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	6/19/2008	142.81	5.82	ND	136.99	<1.00	<3.00	<1.00	<4.00	<3.00	< 5.00	<100	<100	<100
	1/14/2009	142.81	5.20	ND	137.61	<1.00	<3.00	<1.00	<6.00	3.87	<5.00	<100	<100	<100
	6/19/2009	142.81	4.70	ND	138.11	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	12/22/2009 6/10/2010	142.81 142.81	5.26 6.55	ND ND	137.55 136.26	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
		14/XI			1.30.70	< 1.00	< > > UU		< 0.00		< 2.00	<100	<100	<100

Well No. Core Cor		er, MA													
MCP New	(GW Class) Screen	Sampling Date	Casing Elevation	to Water (ft)	LNAPL (ft)	Water Elevation	$(\mu g/l)$	(µg/l)	benzene (µg/l)	Xylenes (μg/l)	(µg/l)	thalene (µg/l)	Aliphatics (μg/l)	Aliphatics (µg/l)	Aromatics (µg/l)
OW-N 8201999 150.65 150.06 NN 150.05 5.00 50.000 20.000 50.000 50.000 50.000 50.000 50.000 50.000 50.000 50.000 50.000 50.000 400 -100															
OWN (8W-123) 150.05 130.00 ND 137.65 4.3 <50 5.8 <15 475 <5.0 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100	MCP Metho	d 1 Standards													
1141999	OW N	0/20/1000	150.65			100.65									
1/2,109															
13/2000 190.65 12-00 ND 138.25 cl.0 c5.0 c5.0 c15 73 c5.0 c100															
4/14/2000 150.65 12/03 ND 138.62 cl.0 c5.0 c5.0 cl.5 c5.0 c1.00 c100	12-20														
226/2001 150.65 12.02 ND 138.63 cl.0 c5.0		8/21/2000	150.65	12.53	ND	138.12	<1.0	< 5.0	< 5.0	<15	6.4	< 5.0	<100	<100	<100
716/2001 150.65 13.10 ND 137.55 c5.0 c5.0 c5.0 c1.0 1273 c5.0		11/20/2000	150.65	12.03	ND	138.62	< 5.0	< 5.0	< 5.0	<10	< 5.0	< 5.0		<50	<50
97/2001 15065 1351 ND 137/14 c50 c															
1/22/2002 150.65 12.76 ND 137.89 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0															
\$772002 15065 1174 ND 1389															
19/22/2002															
S102003 14945 1142 ND 13803 cl.0 cl.0 cl.0 cl.0 cl.0 cl.0 NS NS NS NS S202004 14945 1197 ND 13748 cl.00 cl.0 c															
11/13/2003															
S202004															
6922005 149.45 11.62 ND 137.83 cl.00 cl.0 cl.00 cl.0															
12152005 14945 10.70 ND 138.75 <1.00 <3.00 <4.00 <3.00 <5.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.															
			149.45				<1.00						<100	<100	<100
17/2007		6/26/2006	149.45	10.61	ND	138.84	<1.00	< 3.00	<1.00	<4.00	< 3.00	< 5.00	<100	<100	<100
619/2008 149/45 12.20 ND 137.25 <1.00 <3.00 <1.00 <4.00 <3.00 <5.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1			149.45	12.60			<1.00	< 3.00	<1.00	< 6.00		< 5.00		<100	
6/19/2009 149.45 11.50 ND 137.95 <1.00 <3.00 <1.00 <5.00 <5.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <															
12/22/2009															
OW-O 8/20/1999 148.84 17.67 ND 137.04 <1.00 <3.00 <1.00 <4.00 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100															
OW-0 8/20/1999															
CGW-1,3 11/4/1999		0/11/2010	149.45	12.41	ND	137.04	<1.00	<3.00	<1.00	<0.00	4.49	< 5.00	<100	<100	<100
CGW-1,3 11/4/1999	OW-O	8/20/1999	148.84	17.67	ND	131.17	<1.0	< 5.0	< 5.0	<15	273	< 5.0	<100	<100	<100
12-22' 1/3/2000															
821/2000	12-22'	1/3/2000	148.84	16.56	ND	132.28		< 5.0	< 5.0	<15		< 5.0	<100	<100	<100
11/20/2000				15.29		133.55									
226/2001															
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$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		11/18/2004	144.58		NG		<1.00		<1.0	< 6.0	211		<100	<100	<100
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		6/28/2011	144.58	14.82	ND	129.76	<5.0	<5.0	< 5.0	<15.0	<5.0	< 5.0	<75.0	<25.0	<25.0
		1													

Well No. (GW Class) Screen Interval (ft.)	Sampling Date	Top of Casing Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	Ground Water Elevation (ft)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (μg/l)	Total Xylenes (μg/l)	MTBE	Naph- thalene (µg/l)	C ₅ -C ₈ Aliphatics (µg/l)	C ₉ -C ₁₂ Aliphatics (µg/l)	C ₉ -C ₁₀ Aromatics (µg/l)
merrar (ji.)	Sumpang Dute	(11)		W-1	(11)	5	1,000	700	10,000	70	140	300	700	200
MCP Method	d 1 Standards		G	W-2		2,000	50,000	20,000	3,000	50,000	700	3,000	5,000	4,000
				W-3		10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
OW-P	8/20/1999	148.60	15.70	ND	132.90	<1.0	<5.0	<5.0	<15	71.5	<5.0	<100	<100	<100
(GW-1,3)	10/13/1999	148.60	14.65	ND	133.95	<1.0	<5.0	<5.0	<15	82.7	<5.0	<100	<100	<100
12-22'	1/4/1999 1/3/2000	148.60 148.60	14.09 14.78	ND ND	134.51 133.82	<1.0 <1.0	<5.0 <5.0	<5.0 <5.0	<15 <15	67.2 66.1	<5.0 <5.0	<100 <100	<100 <100	<100 <100
	4/14/2000	148.60	13.24	ND	135.36	<1.0	<5.0	<5.0	<15	26.3	<5.0	<100	<100	<100
	11/20/2000	148.60	13.88	ND	134.72	<5.0	<5.0	<5.0	<10	5.5	<5.0	<50	<50	<50
	5/10/2003	144.36	13.08	ND	131.28	<2.0	<2.0	<2.0	<4.0	2.7	<3.0	<50	<50	<50
	5/20/2004	144.36	13.77	ND	130.59	<1.00	<3.0	<1.0	<6.0	9.1	< 5.0	<100	<100	<100
	11/18/2004	144.36	NG	NG	NA	<1.00	<3.0	<1.0	< 6.0	<3.0	< 5.0	<100	<100	<100
	6/20/2005	144.36	13.62	ND	130.74	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	12/15/2005 6/26/2006	144.36 144.36	9.23 10.46	ND ND	135.13 133.90	<1.00 <1.00	<3.00	<1.00	<4.00 <4.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	7/10/2007	144.36	14.33	ND ND	130.03	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	1/7/2008	144.36	12.35	ND	132.01	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/19/2008	144.36	12.19	ND	132.17	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	1/14/2009	144.36	11.00	ND	133.36	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	6/19/2009	144.36	12.48	ND	131.88	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	12/22/2009	144.36	11.19	ND	133.17	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	6/11/2010	144.36	14.58	ND	129.78	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
OW O	11/22/1999	146.01	7 05	ND	139.06	<1.0	-5 O	-5.0	-15	-5.0	-5 O	<100	<100	<100
OW-Q (GW-1,3)	1/3/2000	146.91 146.91	7.85 9.30	ND	137.61	<1.0	<5.0 <5.0	<5.0 <5.0	<15 <15	<5.0 6.1	<5.0 <5.0	<100	<100 <100	<100
2-12'	4/14/2000	146.91	7.51	ND	139.40	<1.0	<5.0	<5.0	<15	62.3	<5.0	<100	<100	<100
	8/21/2000	146.91	8.99	ND	137.92	<1.0	<5.0	<5.0	<15	11.7	<5.0	<100	<100	<100
	11/20/2000	146.91	8.20	ND	138.71	<5.0	< 5.0	< 5.0	<10	< 5.0	< 5.0	<50	<50	<50
	2/26/2001	146.91	6.38	ND	140.53	<1.0	< 5.0	< 5.0	<15	15.1	< 5.0	<100	<100	<100
	7/16/2001	146.91	7.02	ND	139.89	<5.0	< 5.0	< 5.0	<10	6.2	< 5.0	< 50	<50	<50
	1/22/2002	146.91	9.23	ND	137.68	<5.0	< 5.0	< 5.0	<10	<5.0	<5.0	<50	<50	<50
	5/7/2002	146.91	7.55	ND	139.36	<5.0	<5.0	<5.0	<10	5.2	<5.0	<50 < 100	<50	<50
	6/20/2005 12/15/2005	142.68 142.68	6.04 3.73	ND ND	136.64 138.95	< 1.00 < 1.00	< 3.00 < 3.00	< 1.00 < 1.00	< 6.0 <4.00	< 3.00	<5.00 <5.00	< 100	<100 <100	< 100 < 100
	6/26/2006	142.68	5.09	ND	137.59	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	12/13/2006	142.68	5.67	ND	137.01	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	7/10/2007	142.68	6.18	ND	136.50	<1.00	< 3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	1/7/2008	142.68	5.83	ND	136.85	<1.00	<3.00	<1.00	<6.00	< 3.00	< 5.00	<100	<100	<100
	6/19/2008	142.68	5.80	ND	136.88	<1.00	<3.00	<1.00	<4.00	<3.00	< 5.00	<100	<100	<100
	1/14/2009	142.68	5.55	ND	137.13	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/19/2009	142.68	5.01	ND ND	137.67 137.15	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	12/22/2009 6/10/2010	142.68 142.68	5.53 8.88	ND ND	137.15	<1.00 <1.00	<3.00	<1.00 <1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	0/10/2010	142.00	0.00	110	155.00	1.00	₹3.00	<1.00	\0.00	₹5.00	₹3.00	100	100	<100
OW-R	11/22/1999	140.23	8.52	ND	131.71	<1.0	<5.0	<5.0	<15	11	<5.0	<100	<100	<100
(GW-1,3)	1/3/2000	140.23	8.97	ND	131.26	<1.0	< 5.0	< 5.0	<15	35.6	< 5.0	<100	<100	<100
8-18'	4/14/2000	140.23	7.01	ND	133.22	<1.0	< 5.0	<5.0	<15	32.9	< 5.0	<100	<100	<100
	8/21/2000	140.23	8.92	ND	131.31	<1.0	<5.0	<5.0	<15	<5.0	<5.0	<100	<100	<100
	2/26/2001	140.23	9.59	ND	130.64	<1.0	<5.0	<5.0	<15	19.7	<5.0	<100	<100	<100
	7/16/2001 1/22/2002	140.23 140.23	10.11 9.62	ND ND	130.12 130.61	<5.0 <5.0	<5.0 <5.0	<5.0 <5.0	<5.0 <10	9.1 <5.0	<5.0 <5.0	<50 <50	<50 <50	<50 <50
	5/7/2002	140.23	6.94	ND	133.29	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<50	<50	<50
	10/2/2002	135.93	9.24	ND	126.69	<2.0	<2.0	<2.0	<4.0	<2.0	<3.0	<50	<50	<50
	5/20/2004	135.93	7.32	ND	128.61	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	11/18/2004	135.93	NG	NG	NA	<1.00	<3.0	<1.0	< 6.0	<3.0	< 5.0	<100	<100	<100
	6/20/2005	135.93	7.15	ND	128.78	<1.00	<3.0	<1.0	<6.0	<3.0	<5.0	<100	<100	<100
	6/26/2006	135.93	5.13	ND	130.80	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	12/13/2006 7/10/2007	135.93 135.93	6.38 8.21	ND ND	129.55 127.72	<1.00 <1.00	<3.00	<1.00	<6.00 <6.00	<3.00	<5.00 <5.00	<100 <100	<100 <100	<100 <100
	6/19/2008	135.93	5.94	ND ND	127.72	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	1/14/2009	135.93	6.20	ND	129.99	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/19/2009	135.93	7.28	ND	128.65	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	12/23/2009	135.93	7.00	ND	128.93	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	6/10/2010	135.93	9.26	ND	126.67	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
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Table 2 Concentrations of Volatile Petroleum Hydrocarbons (VPH) Detected in Groundwater

							,							
Well No.		Top of	Depth		Ground			1					[1
(GW Class)		Casing	to	Depth to	Water	1		Ethyl-	Total		Naph-	C5-C8	C9-C12	C_9-C_{10}
Screen		Elevation	Water	LNAPL	Elevation	Benzene	Toluene	benzene	Xylenes	MTBE	thalene	Aliphatics	Aliphatics	Aromatics
Interval (ft.)	Sampling Date	(ft)	(ft)	(ft)	(ft)	(μg/l)	(μg/l)	(µg/l)	(μg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(μg/l)
			G	W-1		5	1,000	700	10,000	70	140	300	700	200
MCP Method	1 1 Standards		G	W-2		2,000	50,000	20,000	3,000	50,000	700	3,000	5,000	4,000
			G	W-3		10,000	40,000	5,000	5,000	50,000	20,000	50,000	50,000	50,000
ow-s	11/22/1999	140.29	15.04	ND	125.25	< 5.0	<25	<25	<75	30	<25	< 500	< 500	< 500
(GW-1,3)	1/3/2000	140.29	15.15	ND	125.14	<1.0	< 5.0	< 5.0	<15	10.9	< 5.0	<100	<100	<100
12-22'	4/14/2000	140.29	14.23	ND	126.06	<1.0	< 5.0	< 5.0	<15	9.6	< 5.0	<100	<100	<100
	8/21/2000	140.29	15.24	ND	125.05	<1.0	< 5.0	< 5.0	<15	5.7	< 5.0	<100	<100	<100
	11/20/2000	140.29	8.45	ND	131.84	<5.0	< 5.0	< 5.0	<10	< 5.0	< 5.0	<50	<50	<50
	2/26/2001	140.29	15.43	ND	124.86	<1.0	< 5.0	< 5.0	<15	< 5.0	< 5.0	<100	<100	<100
	7/16/2001	140.29	15.75	ND	124.54	< 5.0	< 5.0	< 5.0	<10	< 5.0	< 5.0	<50	<50	<50
	1/22/2002	140.29	15.69	ND	124.60	< 5.0	< 5.0	< 5.0	<10	< 5.0	< 5.0	<50	<50	<50
	5/7/2002	140.29	14.56	ND	125.73	< 5.0	< 5.0	< 5.0	<10	< 5.0	< 5.0	<50	<50	<50
	10/2/2002	136.01	15.78	ND	120.23	<2.0	<2.0	< 2.0	<4.0	<2.0	<3.0	<50	<50	<50
	5/10/2003	136.01	14.44	ND	121.57	<1.0	<1.0	<1.0	<1.0	<1.0	NS	NS	NS	NS
	6/20/2005	136.01	NR	ND	NA	<1.0	<1.0	<1.0	<1.0	<1.0	< 5.0	<100	<100	<100
	6/26/2006	136.01	12.02	ND	123.99	<1.00	<3.00	<1.00	<4.00	<3.00	< 5.00	<100	<100	<100
	12/13/2006	136.01	13.89	ND	122.12	<1.00	<3.00	<1.00	< 6.00	<3.00	< 5.00	<100	<100	<100
	1/7/2008	136.01	14.77	ND	121.24	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/19/2008	136.01	14.45	ND	121.56	<1.00	<3.00	<1.00	<4.00	<3.00	<5.00	<100	<100	<100
	1/14/2009	136.01	13.57	ND	122.44	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/19/2009	136.01	14.56	ND	121.45	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	12/23/2009	136.01	14.00	ND	121.43	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/11/2010	136.01	14.00	ND	121.06	<1.00	<3.00	<1.00	<6.00	<3.00	<5.00	<100	<100	<100
	6/28/2011	136.01	14.95	ND ND	121.06	<5.0	<5.00	<5.0	<15.0	<5.0	<5.00	<75.0	<25.0	<25.0
	0/20/2011	130.01	14.54	ND	121.07	0.0	₹3.0	VJ.0	<15.0	VJ.0	VJ.0	₹13.0	\23.0	\2J.0
OW-T	10/2/2002	142.90	14.96	ND	127.94	<2.0	<2.0	<2.0	<4.0	<2.0	<3.0	<50	<50	<50
(GW-1,2,3)	11/13/2003	142.90	14.52	ND	128.38	<1.0	<1.0	<1.0	<1.0	<1.0	NS NS	NS	NS	NS
(GW-1,2,3) 9-19'	11/13/2003	142.90	14.52	ND	128.38	<1.0	<1.0	<1.0	<1.0	<1.0	INS	NS	NS	NS
OW-U	10/2/2002	142.30	19.46	ND	122.84	<2.0	<2.0	<2.0	<4.0	07.0	<3.0	<50	<50	<50
										87.8				
(GW-1,2,3)	11/18/2002	142.30	19.04	ND	123.86	<2.0	<2.0	<2.0	<4.0	77.2	<3.0	<50	<50	<50
13-23'	11/13/2003	142.30	18.98	ND	123.32	<1.0	<1.0	<1.0	<1.0	52.6	NT	NT	NT	NT
	5/20/2004	142.30	18.80	ND	123.50	<1.00	<3.0	<1.0	<6.0	19.9	<5.0	<100	<100	<100
	6/20/2005	142.30	17.64	ND	124.66	<1.00	<3.0	<1.0	<6.0	4.3	<5.0	<100	<100	<100
	6/26/2006	142.30	14.87	ND	127.43	<1.00	<3.00	<1.00	<4.00	<3.00	< 5.00	<100	<100	<100
	7/10/2007	142.30	18.55	ND	123.75	<1.00	<3.00	<1.00	<6.00	8.78	< 5.00	<100	<100	<100
	1/7/2008	142.30	18.65	ND	123.65	<1.00	<3.00	<1.00	<6.00	20.8	< 5.00	<100	<100	<100
	6/19/2008	142.30	18.29	ND	124.01	<1.00	<3.00	<1.00	<4.00	<3.00	< 5.00	<100	<100	<100
	1/14/2009	142.30	16.95	ND	125.35	<1.00	<3.00	<1.00	<6.00	<3.00	< 5.00	<100	<100	<100
	6/19/2009	142.30	18.23	ND	124.07	<1.00	<3.00	<1.00	<6.00	6.88	< 5.00	<100	<100	<100
	12/23/2009	142.30	17.50	ND	124.80	<1.00	<3.00	<1.00	< 6.00	11.1	< 5.00	<100	<100	<100
	6/10/2010	142.30	18.67	ND	123.63	<1.00	<3.00	<1.00	< 6.00	4.61	< 5.00	<100	<100	<100
						<u> </u>		<u> </u>				<u> </u>		
OW-ER	5/20/1998	Unknown	NG	NG	NA	<1.0	<1.0	<1.0	<3	3	NA	NA	NA	NA
(GW-1,3)	7/30/1998	Unknown	6.44	ND	NA	<1.0	<1.0	<1.0	<3	2	NA	NA	NA	NA
Total depth	9/11/1998	Unknown	7.13	ND	NA	<1.0	<1.0	<1.0	<3	4	NA	NA	NA	NA
= 7.15'	10/26/1998	Unknown	6.43	ND	NA	<1.0	<1.0	<1.0	<3	6	NA	NA	NA	NA
	11/13/1998	Unknown	6.39	ND	NA	<1.0	<1.0	<1.0	<3	7	NA	NA	NA	NA
	12/17/1998	Unknown	6.67	ND	NA	<1.0	<1.0	<1.0	<3	2	NA	NA	NA	NA
	1/6/1999	Unknown	6.13	ND	NA	<1.0	<1.0	<1.0	<3	3	NA	NA	NA	NA
							<u> </u>	<u></u>				<u> </u>		
AS-3	10/2/2002	147.13	9.97	ND	137.16	<2.0	<2.0	< 2.0	<4.0	3.3	<3.0	<50	<50	<50
(GW-1,3)							<u> </u>							
17.5-20'														
AS-6	10/2/2002	147.65	9.50	ND	138.15	80.3	135	544	2,397	3,930	172	< 500	1,120	4,220
(GW-1,3)												<u> </u>		
16.5-19'														
AS-9	7/30/1998	147.34	4.31	ND	143.03	17	<1.0	8	<3	600	NA	NA	NA	NA
(GW-1,3)	10/26/1998	147.34	7.30	ND	140.04	13	<1.0	2	<3	400	NA	NA	NA	NA
17.5-20'	11/13/1998	147.34	7.30	ND	140.04	8	<1.0	2	<3	210	NA	NA	NA	NA
	12/17/1998	147.34	7.60	ND	139.74	<20	<1.0	<1.0	<3	300	NA	NA	NA	NA
	1/6/1999	147.34	6.97	ND	140.37	<20	<1.0	<1.0	<3	570	NA	NA	NA	NA
	2/9/1999	147.34	6.65	ND	140.69	19	<1.0	48	<3	380	NA	NA	NA	NA
AS-10	10/2/2002	144.11	6.84	ND	137.27	<2.0	<2.0	<2.0	<4.0	7.1	<3.0	1,120	<50	<50
(GW-1,3)			l				<u> </u>							
18.5-20'							†							
RW-2	6/2/2005	144.47	NG	NG	NA	< 1.00	< 3.0	10.6	16.8	63.7	5.6	<100	<100	154
RW-3A	6/2/2005	Unknown	NG	NG	NA	< 1.00	< 3.0	< 1.0	< 6.0	< 3.0	< 5.0	<100	<100	<100
	0/2/2000													
RW-4	11/18/2004	Unknown	NG	NG	NA .	<1.00	<3.0	1.7	4.5	22.9	<50	< [00]	<100	<100
RW-4 RW-6	11/18/2004 6/2/2005	Unknown Unknown	NG NG	NG NG	NA NA	<1.00	<3.0 7.1	1.7 47.6	4.5 83.9	22.9 300	<5.0 13.5	<100 238	<100 <100	<100 528

Notes:

ug/L = Micrograms per liter

ND = Not detected

NG = Not Gauged

DU = Data Unavailable

< = Values were less than laboratory detection limits.

Bold values indicate that the analyte was detected at a concentration above Method 1 GW-1 standards.

Italicized values indicate that the analyte was detected at a concentration above Method 1 GW-2 standards.

Underlined values indicate that the analyte was detected at a concentration above Method 1 GW-3 standards.

Comprehensive site survey including top of PVC well casing elevations was conducted in October 2002 by Hancock Survey Associates, Inc.

NA = Not Applicable NS = Not Sampled

QA/QC INFO: LAST UPDATED BY: BB DATE: 6/16/2016 LAST CHECKED BY: MC DATE: 8/1/2016

	AIR	uover, MA												
532004 10.58 1.684 371 733 1093 NM NM NM NM NM NM 141 NM	WELL ID	DATE	Temperature	Conductivity	DO			Iron	Iron	Manganese				Total Alkalinity (mg/L as CaCO ₃)
6172004 14.38 3.530 2.24 3.58 3743 300 NM NN 0.06 14 NM 0.06 14	MW -1	3/10/2003	8.09	872	0.15	6.25	179	NM	NM	NM	NM	NM	NM	NM
		5/3/2004	10.58	1,684	4.71	7.83	169.8	NM	NM	NM	NM	NM	NM	NM
March	İ	6/17/2004	14.38	1,563	2.24	5.86	174.3	0.0	NM	NM	0.6	14	NM	30
March	İ	6/28/2011	18.22	3,370	11.79	5.20	77.4	8.1	NM	NM	< 0.100	33	NM	49
6-90-2014 16-90			6.35		0.85		-39.9	NM	97.6		< 0.100		422	NM
9911/2014 19/29						6.23	-43.7				< 0.050		2400	NM
128-2014 10.16														NM
99172015 22.00 3,000 0.01 6.13 6.55 NM 55 6.69 0.000 22 2800	Ì													NM
1216/2015 13.50 5.581 0.17 6.07 39.6 NM 77 12 -9.08 25 1.400	Ì													NM
MW-2 38/2016 10.00	ŀ													NM
MW-2	ŀ													NM
MW-2	ŀ													NM
S32004 NM	ŀ	0/7/2010	12.43	2.730	1.75	0.00	07.4	11111	04	10	₹0.050		3300	14141
S32004 NM	MW-2	3/10/2003	5.73	2.115	2.20	6.40	14 9	NM	NM	NM	NM	NM	NM	NM
February February														NM
1017/2007 18.81 1.372 0.46 6.79 -14.3 NM	ŀ													NM
1.00	ŀ													NM
9/25/2008	ŀ													NM
MW-2R	ŀ													NM
1917/2009														
A-12/12/10 12/78 2.120 0.28 0.23 1.712 NM	-													NM NM
930/2010 98.83 575 1.10 616 0.30 NM NM 0.100 2.28 NM 1.20 1.	ļ													NM NM
1229/2010	ļ													NM
February Part	ļ													93.3
P282011	ļ													47.1
12(22)2011 12.15 1764 0.17 6.38 21.60 NM 2.27 0.308 0.100 15.2 14	ļ													79.6
MW-2P 38/2012 9.91 1744 0.60 6.47 26140 NM 0.464 0.289 0.57 20.6 7														NM
Ministry Ministry	ļ													NM
9102012 20.81 1395 0.11 6.13 235.60 NM 2.08 0.225 0.100 c100 117		3/8/2012	9.91	1744	0.60	6.47	-261.40	NM	0.464	0.289	0.57	20.6	7	NM
12/12/2012		6/20/2012	17.15	1264	0.44	6.89	-52.10	NM	1.58	0.18	0.14	16.6	24.8	NM
MW-2R		9/10/2012	20.81	1395	0.11	6.13	-235.60	NM	2.08	0.225	< 0.100	<10.0	117	NM
MW-2P 3/10/2003 17.0 1769 0.24 6.37 130.70 NM 2.95 0.168 0.100 4.84 516 17.10 17		12/12/2012	11.96	1892	0.23	6.77	-24.10	NM	0.878	0.404	< 0.100	32	< 2.20	NM
MW-2P 630-2014 1.5.40 2.310 0.47 6.39 113.70 NM		3/27/2013	9.30	6814	0.15	6.45	88.20	NM	2.66	0.137	0.46	29.3	27	NM
MW-2P 630-2014	ľ	6/19/2013	17.0	1769	0.24	6.37	-130.70	NM	2.95	0.168	< 0.100	4.84	516	NM
MW-2P 6-30-2014	İ		9.1					NM				NM		NM
MW-2R			4.6								< 0.100	70.5		NM
MW-2D 3/10/2003 8.35 23/23 1.84 1.85														
MW-2D 3/10/2003 8.35 23/23 1.84 1.85	MW-2R	6/30/2014	15.40	2	0.17	5.84	47	NM	0.1	< 0.010	2	36	<2.6	NM
MW-2D 12/16/2015 8.5 2323 1.86 5.91 139.80 NM <0.05 0.3 4 2.8 4	İ	9/11/2014	18.37	2213	0.81	5.46	140.30	NM	NM	NM	NM	NM	NM	NM
MW-2D 3/10/2003					1.86		139.80	NM	< 0.05					NM
MW-2D	Ì													NM
MW-2D 3/10/2003 8.35 439 0.73 6.86 78 NM NM NM NM NM NM NM NM NM NM NM NM NM	ŀ													NM
S/3/2004	ŀ	0.0.2010								- 1.2				
S/3/2004	MW-2D	3/10/2003	8.35	439	0.73	6.86	78	NM	NM	NM	NM	NM	NM	NM
MW-3 12/16/2015 13.30 1094 0.88 5.98 157.8 NM NM NM NM NM NM NM NM NM NM NM NM NM														NM
MW-3 1216/2015 13.30 1094 0.88 5.98 157.8 NM NM NM NM NM NM NM N	ŀ													85
MW-4 MW-4 9/28/2011 18.35 1302 1.66 6.08 157.1 1.6 3.48 0.603 0.16 19 13 12/22/2011 13.90 606 1.91 606 1.91 6.10 126.2 NM -0.03 0.258 2.04 2.37 -2.20 3/8/2012 11.28 2551 0.37 5.97 -42.7 NM 0.326 0.256 0.46 21.5 6/20/2012 16.29 1760 0.58 7.57 52.4 NM 0.774 0.668 0.74 0.686 0.74 23.8 -2.0 12/16/2013 10.40 1110 0.54 6.32 54.9 NM NM NM NM NM NM NM NM NM N	ŀ	0/1//2001	13.17	330	0.12	0.50	110.7	0.0	11111	11111	2.0	1,12		0.5
MW-4 MW-4 9/28/2011 18.35 1302 1.66 6.08 157.1 1.6 3.48 0.603 0.16 19 13 12/22/2011 13.90 606 1.91 606 1.91 6.10 126.2 NM -0.03 0.258 2.04 2.37 -2.20 3/8/2012 11.28 2551 0.37 5.97 -42.7 NM 0.326 0.256 0.46 21.5 6/20/2012 16.29 1760 0.58 7.57 52.4 NM 0.774 0.668 0.74 0.686 0.74 23.8 -2.0 12/16/2013 10.40 1110 0.54 6.32 54.9 NM NM NM NM NM NM NM NM NM N	MW-3	12/16/2015	13 30	1094	0.88	5.98	157.8	NM	NM	NM	NM	NM	NM	NM
MW-4 MW-4	11111 3													NM
12/22/2011 13.90 606 1.91 6.10 126.2 NM <0.03 0.258 2.04 23.7 <2.20		3/6/2010	12.00	1,122	0.27	3.13	30.1	11111	14141	14141	INIVI	14141	14141	TVIVI
12/22/2011 13.90 606 1.91 6.10 126.2 NM <0.03 0.258 2.04 23.7 <2.20	MW.4	0/28/2011	18 35	1302	1.66	6.08	157.1	1.6	3.48	0.603	0.16	10	13	NM
3/8/2012	101 00													NM
MW-5D 3/10/2003 9.73 584 1.53 6.30 902 NM NM NM NM NM NM NM N	ŀ													NM
3/27/2013	ŀ													NM
12/16/2013 10.40 1110 0.54 6.32 54.9 NM NM NM NM NM NM NM N	ŀ													NM
MW-5DD	ŀ													NM
MW-5D 3/10/2003 9.73 584 1.53 6.30 902 NM NM NM NM NM NM NM N	ŀ													NM
MW-5DD 3/10/2003 9.73 5.84 1.53 6.30 902 NM NM NM NM NM NM NM NM NM NM NM NM NM	ŀ													NM
MW-5DD	ŀ	3/0/2010	10.0	1,043	0.10	2.77	21.0	1 4141	1 4141	14141	1 4141	1 4141	1 4171	1 4141
MW-5DD	MW 5D	3/10/2002	0.72	594	1.52	6.20	902	NW.	NM	NM	NM	VIV	MM	NM
MW-5DD 3/10/2003 9.93 161 0.64 7.20 882 NM NM NM NM NM NM NM N	CIC-M IM													
MW-5DD 3/10/2003 9.93 161 0.64 7.20 882 NM NM NM NM NM NM NM NM NM NM NM NM NM	}													NM NM
0W-5	ŀ	0/1//2004	INIVI	INIVI	INIVI	INIVI	INIVI	INIVI	INIVI	INIVI	INIVI	INIVI	INIVI	INIVI
0W-5	MW EDD	2/10/2002	0.02	1.61	0.64	7.20	992	NTA #	N/N/	NTA #	NTA #	NTA #	NTA #	NIM
OW-5 10/17/2007 15.71 2.039 0.43 7.06 -43.9 NM	M144 -2DD													NM NM
OW-5 10/17/2007 15.71 2.039 0.43 7.06 -43.9 NM NM NM NM NM NM NM N	ŀ													NM NM
1/7/2008	ŀ	0/1//2004	INM	INIVI	INIVI	NM	INIVI	NM	INIM	INIVI	INIM	NM	INIM	NM
1/7/2008	OW 5	10/17/2007	15.71	2.020	0.42	7.00	42.0	NIA 4	ND 4	NIV 4	NIN C	NIN F	ND 4	No.
3/21/2008 6.82 678 0.22 7.28 -332.5 NM NM NM NM NM NM NM N	OW-5													NM NM
9/25/2008 15.56 2,344 0.22 6.29 -89.9 NM NM<	ļ													NM
3/10/2009 7.67	ļ													NM
9/17/2009 14.25 1,573 0.77 6.59 43.6 NM NM </td <td>ļ</td> <td></td> <td>NM</td>	ļ													NM
OW-6 10/17/2007 13.32 1,144 0.36 6.40 16.7 NM N														NM
OW-6 10/17/2007 13.32 1.144 0.36 6.40 16.7 NM NM NM NM NM NM NM NM NM NM NM NM NM	ļ													NM
3/21/2008 6.13 889 1.43 5.98 -266.8 NM NM <td>ļ</td> <td>4/21/2010</td> <td>12.44</td> <td>623</td> <td>0.71</td> <td>6.87</td> <td>2.1</td> <td>NM</td> <td>NM</td> <td>NM</td> <td>NM</td> <td>NM</td> <td>NM</td> <td>NM</td>	ļ	4/21/2010	12.44	623	0.71	6.87	2.1	NM	NM	NM	NM	NM	NM	NM
3/21/2008 6.13 889 1.43 5.98 -266.8 NM NM <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>														
9/25/2008 14.43 1,384 0.19 6.22 -94.9 NM NM<	OW-6													NM
3/10/2009 8.15 584 0.76 6.00 105.4 2.0 NM NM NM NM NM NM NM 9/17/2009 13.80 1,143 0.42 5.93 108.5 NM NM NM NM NM NM NM NM														NM
9/17/2009 13.80 1,143 0.42 5.93 108.5 NM NM NM NM NM NM NM														NM
	[NM	NM	NM
4/21/2010 13.10 631 1.04 5.84 183.9 NM NM NM NM NM NM NM														NM
		4/21/2010	13.10	631	1.04	5.84	183.9	NM	NM	NM	NM	NM	NM	NM
<u> </u>														

WELL ID	DATE	Field Temperature (°C)	Field Conductivity (µS/cm)	Field DO (mg/L)	Field pH (S.U.)	ORP (mV)	Ferrous Iron (mg/l)	Dissolved Iron (mg/L)	Dissolved Manganese (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Methane (ug/L)	Total Alkalinity (mg/L as CaCO ₃)
OW-10	10/17/2007	14.60	1,229	0.49	7.04	-34.6	NM	NM	NM	NM	NM	NM	NM
-	3/21/2008 9/25/2008	6.81 14.90	680 1,588	2.90 0.18	7.14 6.12	-214.8 -82.1	NM NM	NM NM	NM NM	NM NM	NM NM	NM NM	NM NM
-	3/10/2009	9.27	423	2.37	7.02	88	0.0	NM	NM	NM	NM	NM	NM
	9/17/2009	13.41	798	4.42	6.66	74.4	NM	NM	NM	NM	NM	NM	NM
	4/21/2010	12.26	536	1.55	6.91	62.8	NM	NM	NM	NM	NM	NM	NM
	3/8/2012	12.01	734	3.27	6.88	-40.7	NM	< 0.03	0.167	0.7	14.2	<2.20	NM
	6/20/2012	14.13	1196	0.60	7.44	5.2	NM	0.0796	0.667	0.11	20.1	19.8	NM
	9/10/2012	16.44	1143	0.21	6.76	-236.8	NM	9.18	1.23	< 0.100	<5.0	105	NM
-	12/12/2012 6/19/2013	12.16 13.4	1339 823	2.26 0.45	6.72 6.98	45.8 271.0	NM NM	0.936 <0.03	0.344	<0.100	30.3 13.8	<2.20 <2.20	NM NM
-	12/16/2013	8.6	1600	2.50	6.08	134.0	NM	0.0515	0.0607	< 0.12	28.7	<2.20	NM
	3/31/2015	8.1	547	4.65	7.23	154.3	NM	< 0.05	<0.01	0.07	14	<2.6	NM
OW-12	9/30/2010	18.57	1,211	1.10	6.36	-25.7	NM	NM	NM	NM	NM	NM	NM
	12/29/2010	12.00	504	8.55	6.17	119.3	NM	NM	NM	NM	NM	NM	NM
	6/28/2011	18.79	2,006	9.29	5.84	61.4	2.6	NM	NM	0.1	12.0	NM	112
	9/28/2011	20.16	1,909	1.59	5.83	155.7	2	3.52	0.652	0.52	9.87	29	NM
	12/22/2011 3/8/2012	13.66 11.39	1,595 992	0.46	6.13	10.2 -164.3	NM NM	3.09	0.634	0.15	16.6 5.36	<2.2 9	NM NM
	6/20/2012	17.20	1,353	0.92	7.89	-164.3	NM NM	5.01	0.234	<.100	3.53	40.3	NM NM
-	9/10/2012	18.37	722	0.27	6.28	-225.5	NM	< 0.03	0.317	2.75	25.3	<2.20	NM
	12/12/2012	13.59	1,143	0.74	6.73	-225.5	NM	1.5	0.368	< 0.100	13.6	4.7	NM
	3/27/2013	10.94	1,307	0.58	6.40	300.6	NM	2.25	0.578	1.53	25	<2.2	NM
	12/16/2013	10.80	1,360	0.52	6.19	85.9	NM	NM	NM	NM	NM	NM	NM
	6/30/2014	18.82	1,575	0.72	5.90	16.6	NM	4.5	1.8	< 0.050	21	<2.6	NM
	9/11/2014	18.82	1,575	0.72	5.90	16.6	NM	NM	NM	NM	NM	NM	NM
	12/8/2014	08.81	1,592	1.77	6.47	0	NM	0.8	0.63	0.66	26	89	NM
	9/17/2015	22.00	1,765	0.01	6.18	43.7	NM	1.9	0.92	0.32	30	73	NM
-	12/16/2015	13.40	1,965	0.72	6.29	204.9	NM	0.25	0.36	0.92	28	<2.6	NM
	3/8/2016 6/7/2016	11.20 12.25	3,096 1.494	0.37 1.47	6.07 6.46	40.1 -32.4	NM NM	0.47	0.68	1.0 0.22	25 21	130 110	NM NM
OW-13	10/17/2007	17.80	935	0.52	6.63	57.1	NM	NM	NM	NM	NM	NM	NM
OW-13	3/21/2008	9.36	1,494	0.32	7.13	-2942	NM	NM	NM	NM	NM	NM	NM
	9/25/2008	18.60	1,583	0.21	6.26	-109.4	NM	NM	NM	NM	NM	NM	NM
-	3/10/2009	9.42	3,769	0.43	6.22	-18.3	4.0	NM	NM	NM	NM	NM	NM
	9/17/2009	17.39	1,063	0.45	5.89	55.7	NM	NM	NM	NM	NM	NM	NM
	4/21/2010	14.39	537	0.42	6.14	-1102	NM	NM	NM	NM	NM	NM	NM
<u> </u>	9/30/2010	18.70	935	1.34	6.03	75.1	NM	NM	NM	0.970	23.2	NM	69.1
	12/29/2010 9/28/2011	11.61 20.14	988 988	3.18 1.27	6.11 5.98	66.5 158.4	1.1 2.2	NM 2.76	NM 0.518	0.500	19.4 6.99	NM 81	103 NM
-	12/22/2011	13.30	903	1.21	6.07	92.2	NM	0.171	0.318	0.440	19.6	0.777	NM
	3/8/2012	11.68	4135	0.20	6.23	-264.2	NM	5.78	0.468	< 0.100	25	102	NM
	6/20/2012	16.95	1681	0.78	7.40	-10.9	NM	9.42	1.34	0.240	13.6	73	NM
<u> </u>	9/10/2012	19.91	1048	0.36	6.07	-221.3	NM	2.04	0.486	0.640	15.8	21.7	NM
	12/12/2012 3/27/2013	13.53 11.40	1195 3392	0.56	6.51	-27.9 116.2	NM NM	4.78 22.7	0.62 2.46	0.230	28.1 16.6	43.9 82.2	NM NM
-	6/19/2013	16.20	745	0.23	6.39	-98.2	NM	4.71	0.305	0.120	30.3	48	NM
	12/16/2013	11.00	1206	0.31	6.85	-30.1	NM	12.3	0.233	< 0.100	1.26	19.6	NM
	9/11/2014	19.05	1296	1.00	5.57	77.9	NM	4.2	0.84	0.051	27	240	NM
	12/8/2014	9.97	1457	2.63	6.21	23.4	NM	4.6	0.76	< 0.05	19	520	NM
	3/31/2015	9.80	1197	0.68	6.33 5.92	3.0	NM NM	13	1.5	< 0.05	<2.0	960	NM NM
-	9/17/2015 12/16/2015	21.00 13.40	1545 1586	0.01	5.92	75.2 203.8	NM NM	2.4 3.1	0.84	0.260	26 24	320 520	NM NM
	3/8/2016	11.7	1,290	0.17	5.76	98.1	NM	2.9	0.67	< 0.050	21	830	NM
 	6/7/2016	13.5	0.763	2.26	5.99	-45.0	NM	4.4	0.94	0.190	15	1300	NM
OW-14	10/17/2007	16.58	1,279	0.98	5.92	34.9	NM	NM	NM	NM	NM	NM	NM
	3/21/2008	7.69	470	4.10	6.60	-206.7	NM	NM	NM	NM	NM	NM	NM
-	9/25/2008	17.40	1,721	0.30	6.10	80.0	NM	NM NM	NM NM	NM	NM	NM	NM
-	3/10/2009 9/17/2009	10.43 16.35	533 1,283	2.90 0.68	6.20	163.5 912	0.0 NM	NM NM	NM NM	NM NM	NM NM	NM NM	NM NM
	4/21/2010	13.68	1,164	5.54	5.77	210.1	NM	NM NM	NM	NM	NM	NM	NM NM
OW-B	3/10/2003	3.96	857	0.32	7.35	198	NM	NM	NM	NM	NM	NM	NM
	5/3/2004	9.97	1,415	2.09	7.92	163.5	NM	NM	NM	NM	NM	NM	NM
	6/17/2004	11.47	700	0.15	6.33	-63.9	4.65	NM	NM	ND	ND	NM	155
	10/17/2007	10.56	1,327	0.43	6.58	-19.6	NM	NM	NM	NM	NM	NM	NM
-	3/21/2008 9/25/2008	6.26 15.07	563 1.870	1.13	6.76	-274.8	NM NM	NM NM	NM NM	NM NM	NM NM	NM NM	NM NM
	9/25/2008 3/10/2009	8.94	1,870 900	0.15	6.13	-88.4 21.8	NM 3.6	NM NM	NM NM	NM NM	NM NM	NM NM	NM NM
-	9/17/2009	13.80	1,224	3.20	6.31	-32.7	NM	NM	NM	NM	NM	NM	NM
	4/21/2010	12.53	827	0.50	6.27	-6.5	NM	NM	NM	NM	NM	NM	NM
	12/29/2010	NM	NM	2.41	6.07	28.3	NM	NM	NM	NM	NM	NM	NM
[6/29/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	3/26/2014 9/11/2014	5.61 16.07	1642 1999	0.46 0.75	6.31 6.01	-13.6 31.50	NM NM	4.17 6.5	0.549 0.92	<0.100 <0.050	8.09 5	268 760	NM NM
OW-BD	3/10/2003	7.96	727	0.21	6.64	64.9	NM	NM	NM	NM	NM	NM	NM
	5/4/2004 6/17/2004	10.78 11.38	1,603 971	0.79	8.00	164.4	NM 4.8	NM NM	NM NM	NM ND	NM ND	NM NM	NM 125
-	1/4/2005	11.38	1,688	0.12	6.11	-62.7 -74.3	5.0	NM NM	NM NM	ND 0.8	ND 6.0	NM NM	125 NM
	1,7/2003	13.70	2,000	5.00	5.73	17.3	5.0	1 1171	1 1174	0.0	0.0	1 11/1	11171

		Field	Field	Field	Eight II	OPP	Ferrous	Dissolved	Dissolved	Niturat	Culeas	Mothaw:	Total Alkalinite
WELL ID	DATE	Temperature (°C)	Conductivity (µS/cm)	DO (mg/L)	Field pH (S.U.)	ORP (mV)	Iron (mg/l)	Iron (mg/L)	Manganese (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Methane (ug/L)	Total Alkalinity (mg/L as CaCO ₃)
OW-ED	9/28/2011	16.42	905	1.46	6.33	266.7	0	0.0375	0.0666	< 0.100	46.3	<2.20	NM
]	12/22/2011	12.90	938	2.72	7.26	0.6	NM	< 0.03	0.0113	< 0.100	47.4	<2.20	NM
1	9/10/2012	15.89	1,252	0.17	6.42	-237.9	NM	2.96	0.35	<0.100	<10.0	86.2	NM
1	12/12/2012 3/27/2013	12.85 12.26	955 994	5.84 3.75	7.53 7.68	9.6 5358.0	NM NM	<0.03	<0.004 <0.004	<0.100	49.7 46.9	<2.20	NM NM
1	12/16/2013	9.90	980	5.88	7.70	110.5	NM	< 0.03	<0.004	< 0.12	39.8	<2.20	NM NM
1	9/17/2015	15.30	914	0.17	7.37	24.4	NM	0.16	0.23	< 0.050	35	4.9	NM
1	12/16/2015	12.60	951	1.96	7.35	184.8	NM	0.34	0.37	< 0.050	37	<2.6	NM
ı	3/8/2016	12.2	967	3.90	7.37	36.1	NM	< 0.050	< 0.010	5.8	31	<2.6	NM
	6/7/2016	9.8	1	2.05	7.01	65.3	NM	< 0.050	0.012	< 0.050	34	<2.6	NM
OW-G	9/30/2010	18.23	1,167	2.35	6.21	156.8	NM	NM	NM	NM	NM	NM	NM
ı	12/29/2010	11.29	660	10.16	6.29	119.5	NM	NM	NM	NM	NM	NM	NM
	6/28/2011	19.53	2,282	10.25	5.80	188.1	2.1	NM	NM	<0.100	24.3	NM	48.8
OW-I	1/4/2005	11.09	848	0.83	6.32	144.9	0.9	NM	NM	1.1	22.0	NM	NM
1	5/6/2005	9.64	238	0.51	6.14	43.4	0.0	NM	NM	0.4	16.0	NM	NM
	8/1/2005	14.36	871	1.00	5.88	275.6	1.2	NM	NM	0.3	12.0	NM	NM
	12/8/2005	9	533	8.16	6.23	245.6	4.6	NM	NM	0.9	10.0	NM	NM
	2/2/2006	6.99	1,424	1.27	6.23	223.3	0.58	NM NM	NM NM	0.8	13.0	NM	NM NM
	5/26/2006 9/1/2006	9.44 15.05	207 840	1.41 0.82	6.52 5.72	44.8 82.7	>3.0	NM NM	NM NM	1.4 0.4	18.0 11.0	NM NM	NM NM
, }	12/13/2006	11.37	628	0.82	6.86	76.4	2.0	NM	NM	8.7	11.0	NM	NM
1	3/30/2007	6.96	306	0.25	6.00	14.8	1.4	NM	NM	1.0	1.0	NM	NM
OW-J	1/4/2005	9.77	872	2.26	6.58	145.6	0.8	NM	NM	0.9	9.0	NM	NM
1	5/6/2005	10.5	409	2.69	6.58	23.7	0.0	NM	NM	0.0	10.0	NM	NM
]	8/1/2005	16.39	978	1.00	6.08	280.6	1.4	NM	NM	0.5	4.0	NM	NM
	12/8/2005	8.77	340	7.32	6.96	209.5	0.5	NM	NM	0.9	3.0	NM	NM
1	2/2/2006	6.32	408	2.23	6.87	172.4	0.66	NM	NM	12.0	4.0	NM	NM
1	5/26/2006 9/1/2006	10.04 15.69	93 310	1.30 0.48	6.97 6.57	105.1 4.7	0.8 1.96	NM NM	NM NM	12.0	8.0 19.0	NM NM	NM NM
1	12/13/2006	10.99	348	0.48	7.15	56.8	0.6	NM	NM	5.7	5.0	NM	NM
ı	3/30/2007	5.51	179	5.38	6.76	402	0.0	NM	NM	12.0	2.0	NM	NM
1	6/25/2007	11.56	393	0.11	6.72	-3052	0.35	NM	NM	6.1	28.0	NM	NM
1	1/8/2008	9.29	478	1.15	6.66	23.3	0.2	NM	NM	1.3	23.0	NM	NM
ı	6/19/2008	13.02	710	0.17	6.43	94.9	1.0	NM	NM	1.1	29.0	NM	NM
1	1/14/2009	7.44	378	0.90	7.44	10.3	0.8	NM	NM	1.7	23.0	NM	NM
1	6/19/2009	11.58	511	0.27	6.54	70.8	1.0	NM	NM	2.8	26.0	NM	NM
	12/22/2009 6/11/2010	3.69 11.40	506 632	2.18 0.10	6.38 6.36	48.4 -32.8	1.71	NM NM	NM NM	1.3	10.0 8.0	NM NM	NM NM
ļ													
OW-K	7/13/2004	10.80	261	0.09	9.09	94.3	0.0	NM	NM	0.0	25.0	NM	NM
1	1/4/2005 5/6/2005	8.65 9.47	470 182	5.69	6.05	188.7	0.8	NM	NM NM	0.0	7.0 9.0	NM NM	NM NM
1	8/1/2005	16.43	213	1.05	5.93 5.96	62.6 195.7	0.0	NM NM	NM NM	0.0	12.0	NM	NM
1	12/8/2005	8.02	102	2.95	6.06	186.1	0.5	NM	NM	3.9	27.0	NM	NM
1	2/2/2006	6.38	131	1.10	6.40	156.2	0.25	NM	NM	1.5	5.0	NM	NM
ı	5/26/2006	11.54	38	10.12	6.59	330.9	1.0	NM	NM	1.8	5.0	NM	NM
ı	9/1/2006	15.15	172	0.61	5.72	127.2	0.66	NM	NM	0.6	4.0	NM	NM
1	12/13/2006	1027	338	0.51	6.87	148.2	0.0	NM	NM	5.6	6.0	NM	NM
]	3/30/2007	5.98	78	4.51	5.73	63.3	0.0	NM	NM	1.0	2.0	NM	NM
	6/25/2007	11.85	263	0.13	6.15	-219.7	0.58	NM NM	NM NM	10.0	13.0	NM	NM NM
	1/7/2008 6/19/2008	8.41 11.66	467 255	0.93	6.03	51.9 114.5	0.4	NM NM	NM NM	1.1	4.0 5.0	NM NM	NM NM
. }	1/14/2009	7.40	146	1.58	7.03	20.9	0.0	NM NM	NM NM	2.1	2.0	NM NM	NM NM
	6/19/2009	11.48	125	2.09	6.06	146.4	0.0	NM	NM	3.0	10.0	NM	NM
.	12/22/2009	8.05	204	2.05	5.68	176.3	0.35	NM	NM	1.3	8.0	NM	NM
,	6/11/2010	11.55	308	0.16	6.14	0.8	0.2	NM	NM	1.3	4.0	NM	NM
	6/28/2011	12.88	211	2.46	5.51	277.1	0.0	NM	NM	3.6	7.9	NM	37.3
OW-L	7/13/2004	11.20	969	0.03	8.25	47.8	1.8	NM	NM	0.6	34.0	NM	NM
	1/4/2005	6.18	57	12.03	6.36	176.5	0.0	NM	NM	1.3	0.0	NM	NM
	5/6/2005	10.09	374	0.76	5.77	64.1	0.0	NM	NM	0.0	0.0	NM	NM
	8/1/2005	13.9	1025	3.00	5.93	199	3.2	NM	NM	0.0	52.0	NM	NM
.	12/8/2005	6.78	626	4.10	6.50	92.1	3.0	NM	NM	12.0	4.0	NM	NM
.	2/2/2006	6.33	1,444	0.06	6.44	210.4	2.05	NM	NM	12.0	3.0	NM	NM
, ,	5/26/2006	14.41	234	0.94	6.71	-70.8	4.1	NM NM	NM NM	2.0	6.0	NM NM	NM NM
	9/1/2006	15.81 6.11	636 61	1.67 3.32	5.96 6.01	-0.1 44.9	73.0	NM NM	NM NM	0.8 22.0	5.0 14.0	NM NM	NM NM
'	3/30/2007	0.11		0.24	6.01	-307.3	6.19	NM NM	NM NM	18.1	15.0	NM NM	NM NM
	3/30/2007 6/25/2007	12 97	1.441		0.07				NM	5.1	32.0		NM
	3/30/2007 6/25/2007 1/7/2008	12.97	1,441 1,073	0.10	6.19	32.3	5.4	NM				INIVI	
	6/25/2007		1,441 1,073 1,522		6.19 6.12	32.3 70.4	3.4	NM	NM	2.1	23.0	NM NM	NM
	6/25/2007 1/7/2008	9	1,073	0.10									
	6/25/2007 1/7/2008 6/19/2008	9 13.21	1,073 1,522	0.10 0.24	6.12	70.4	3.4	NM	NM	2.1	23.0	NM	NM
	6/25/2007 1/7/2008 6/19/2008 1/14/2009	9 13.21 8.14	1,073 1,522 358	0.10 0.24 0.43	6.12 7.29	70.4 6.6	3.4 3.0	NM NM	NM NM	2.1 1.8	23.0 4.0	NM NM	NM NM

Section Sect	WELL ID	DATE	Field Temperature (°C)	Field Conductivity (µS/cm)	Field DO (mg/L)	Field pH (S.U.)	ORP (mV)	Ferrous Iron (mg/l)	Dissolved Iron (mg/L)	Dissolved Manganese (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Methane (ug/L)	Total Alkalinity (mg/L as CaCO ₃)
OW-N 3/10/2003 7.27 39/2 1.06 6.35 207/2 NM SM NM NM NM NM NM NM	OW-M													NM
S42,004		5/6/2005	10.45	215	1.36	6.05	19.4	2.4	NM	NM	0.0	0.0	NM	NM
64172004 12.85	OW-N	3/10/2003	7.27	392	1.06	6.55	207.2	NM	NM	NM	NM	NM	NM	NM
Section 12.55												_		NM
No. 10														60
1287/2005 1204 473 1253 6.67 886.7 0.0 NM NM 0.43 19.0 NM NM 2.0 4.00 NM NM 5.0 5.00 NM NM 5.0 5.00 NM NM NM 5.0 5.00 NM NM NM 5.0 5.00 NM NM NM NM 1.0 4.00 NM NM NM NM NM NM 1.0 4.00 NM NM NM NM 1.0 4.00 NM NM NM NM 1.0 4.00 NM NM NM NM 1.0 4.00 NM NM NM 1.0 4.00 NM NM NM 1.0 4.00 NM NM NM NM 1.0 4.00 NM NM NM 1.0 4.00 NM NM NM 1.0 4.00 NM NM NM 1.0 4.00 NM NM NM NM 1.0 4.00 NM NM NM NM 1.0 4.00 NM NM NM NM 1.0 4.00 NM NM NM NM NM NM NM												_		
\$\frac{22,2206}{5,26006}														NM
91/2006												_		NM
System S		5/26/2006												NM
625,0007												_		NM
1772008												_		NM NM
G192008														NM NM
11472009												_		NM
Text Text		1/14/2009	9.68	298			4.0	1.0	NM	NM	12.0	2.3	NM	NM
Georgia Geor														NM
OW-0 S/4/2004 S-91 1.083 1.22 7.89 1/2.77 NM NM NM NM NM NM NM														NM
S442004 S91		6/11/2010	12.89	1271	0.24	6.13	-5.4	1.6	NM	NM	4.7	18.0	NM	NM
S4/2004 S91	OW-0	3/10/2003	9.54	700	1.07	6.32	56.6	NM	NM	NM	NM	NM	NM	NM
T/13/2004 11.02														NM
14/2005														130
Single S												_		NM
Striz005 16,76 621 3.08 6.22 167.1 0.0 NM NM 0.0 29.0 NM NM NM 1.1 44.0 NM NM 27.2006 8.56 802 3.75 6.46 186.7 21.0 NM NM 0.9 26.0 NM NM NM 9.7 26.0 NM NM NM 9.7 26.0 NM NM NM 9.7 26.0 NM NM NM 9.7 26.0 NM NM NM 9.7 26.0 NM NM NM 9.7 26.0 NM NM NM 9.7 26.0 NM NM NM 9.7 26.0 NM NM NM 9.7 26.0 NM NM NM 9.8 20.0 NM NM 1.1 44.0 NM NM NM 1.1 44.0 NM NM NM 1.1 44.0 N				_										
12/82/005														NM
\$\frac{5:26:2006}{9:10.2006} 10.34 231 2.45 6.69 275.5 0.8												_		NM
9/1/2006		2/2/2006	8.56	802	3.75	6.46	186.7	21.0	NM	NM	0.9	26.0	NM	NM
12/13/2006														NM
3/30/2007												_		NM
6/25/2007														
1/8/2008												_		NM
1/14/2009														NM
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1/7/2008 6.94 3,194 0.13 6.09 24.6 3.6 NM NM 27.0 1.0 NM NM											32.0			NM
		1/7/2008	6.94	3,194	0.13	6.09	24.6	3.6	NM	NM	27.0	1.0	NM	NM

95-214880 Global Companies, LLC Mobil Station No. 1436 309 Lowell Street Andover, MA

Table 3 Geochemical and Monitored Natural Attenuation Data

WELL ID	DATE	Field Temperature (°C)	Field Conductivity (µS/cm)	Field DO (mg/L)	Field pH (S.U.)	ORP (mV)	Ferrous Iron (mg/l)	Dissolved Iron (mg/L)	Dissolved Manganese (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Methane (ug/L)	Total Alkalinity (mg/L as CaCO ₃)		
OW-R	7/13/2004	10.24	1,343	1.42	8.18	174.5	0.4	NM	NM	0.8	27.0	NM	NM		
	1/4/2005	12.52	1,495	2.63	5.71	219.8	0.0	NM	NM	1.4	10.0	NM	NM		
	5/6/2005	10.25	1,697	1.79	5.58	89.1	0.0	NM	NM	0.4	16.0	NM	NM		
	8/1/2005	15.64	498	0.90	5.91	290.1	0.0	NM	NM	0.5	8.0	NM	NM		
	12/8/2005	10.36	573	8.70	6.03	342.7	0.0	NM	NM	0.7	6.0	NM	NM		
	2/2/2006	5.80	2,294	2.42	6.56	201.5	0.03	NM	NM	1.0	17.0	NM	NM		
	5/26/2006	10.85	180	2.09	6.26	348.1	0.9	NM	NM	2.6	15.0	NM	NM		
	9/1/2006	18.68	212	0.63	6.23	121.8	0.09	NM	NM	0.6	28.0	NM	NM		
	12/13/2006	11.82	462	1.56	7.09	-32	3.4	NM	NM	8.6	6.0	NM	NM		
	3/30/2007	7.54	913	1.18	5.69	60.9	0.0	NM	NM	1.0	23.0	NM	NM		
	6/25/2007	13.11	849	0.17	6.03	-150.1	26.0	NM	NM	9.8	10.0	NM	NM		
	1/7/2008		Could not Locate due to Snow Cover												
			Count not Escale dat to Show Cover												
OW-S	3/10/2003	10.12	464	3.99	6.13	91.5	NM	NM	NM	NM	NM	NM	NM		
	5/4/2004	NL	NL	NL	NL	NL	NL	NM	NM	NL	NL	NM	NL		
	6/17/2004	NL	NL	NL	NL	NL	NL	NM	NM	NL	NL	NM	NL		
	5/6/2005	DRY													
	8/1/2005	DRY													
	12/8/2005	10.53	382	14.97	6.03	388.4	0.0	NM	NM	1.0	8.0	NM	NM		
	2/2/2006	6.40	1,105	7.20	8.04	154.4	0.01	NM	NM	1.4	7.0	NM	NM		
	5/26/2006	9.81	120	11.66	6.34	352.4	0.7	NM	NM	0.7	22.0	NM	NM		
	12/13/2006	1227	523	2.09	6.70	143.5	0.0	NM	NM	82	14.0	NM	NM		
	3/30/2007	10.34	305	2.40	5.79	59.1	0.0	NM	NM	0.7	10.0	NM	NM		
	6/25/2007	11.56	612	0.62	6.04	65.3	0.36	NM	NM	0.8	14.0	NM	NM		
	1/7/2008	11.38	826	0.58	6.57	-57.5	1.4	NM	NM	1.0	27.0	NM	NM		
	6/19/2008	11.02	880	0.63	5.17	216.6	0.0	NM	NM	0.7	5.0	NM	NM		
	1/14/2009	10.53	535	1.82	7.46	2.7	0.0	NM	NM	1.6	12.0	NM	NM		
	6/19/2009	11.88	1,024	0.90	5.73	122.8	0.0	NM	NM	1.5	14.0	NM	NM		
	12/23/2009	10.88	698	0.95	5.72	102.3	0.0	NM	NM	1.3	12.0	NM	NM		
	6/11/2010	10.83	962	0.90	5.63	57.4	0.0	NM	NM	0.9	4.0	NM	NM		
	6/28/2011	14.00	875	5.43	5.52	275.1	0.0	NM	NM	1.5	13.1	NM	18.4		
OW- U	7/13/2004	11.02	922	4.29	8.29	129.4	0.0	NM	NM	0.9	8.0	NM	NM		
	6/25/2007	13.00	336	3.12	5.81	121.3	27	NM	NM	8.7	17.0	NM	NM		
	6/25/2007	13.00	336	3.12	5.81	121.3	27	NM	NM	8.7	17.0	NM	NM		

Notes:

 $^{\circ}$ C = Degrees Celsius. mg/L = Micrograms per Liter (ppb). μ S/cm = MicroSiemens per centimeter. mV = MilliVolts. mg/L= Milligrams per Liter. NM = Not Measured. NR = Not Recorded. NL= Not Located Field = Measured in the field utilizing a Horiba Water Analyzer.

QA/QC INFO: LAST UPDATED BY: BB DATE: 6/16/16

LAST CHECKED

BY: MC

DATE: 8/1/16

95-214880 Global Companies LLC Mobil Station No. 1436 309 Lowell Street Andover MA	Table 4 Lines of Evidence for MNA June 2016 Groundwater Sampling											
Well Location	DO	ORP	pН	Dissolved Iron	Dissolved Manganese	Methane	Nitrate	Sulfate				
Upgradient Area	High	High	Neutral	Low	Low	Low	High	High				
Target Area	Low	Low	Low	High	High	High	Low	Low				
Outside Target Area	High	High	Neutral	Low	Low	Low	High	High				
		Aerobic Trends				Anaerobic Trends	3					
Well Location	DO	ORP	pН	Dissolved	Dissolved							
well Location				Iron	Manganese	Methane	Nitrate	Sulfate				
Outside Target Area (OW-12)	1.47	-32.4	6.46	0.89	0.54	110	0.22	21				
Target Area (OW-13)	2.26	-45	5.99	4.4	0.94	1,300	0.19	15				
Downgradient Area (OW-ED)	2.05	65.3	7.01	< 0.050	0.012	<2.6	< 0.050	34				
Conclusion	+/-	-	+	+	+/-	+	+/-	+				

Notes:

- + indicates natural attenuation is occurring based on monitoring result
- indicates natural attenuation is not occurring based on monitoring result
- +/- indicates natural attenuation is inconclusive by monitoring results

McAllister, P.M., and Chiang, C.Y. 1994. A Practical Approach to Evaluating Natural Attenuation of Contaminants in Ground Water. GWMR Spring 1994: 161-173. NA=Not analyzed

Table 5 Public Involvement Plan Mailing List Global Companies, LLC 309 Lowell Street (Station #1436) Andover, Massachusetts ECS Project No. 95-214880

Party	Business	Street Address	City/Town	8/2016 Mailings Status
The Andover Townsman	Town of Andover	Editorial Department - 33 Chestnut Street	Andover, MA 01810	mailed
Andover Board of Health	Town of Andover	36 Bartlet Street	Andover, MA 01810	mailed
Andover Board of Selectmen	Town of Andover	36 Bartlet Street	Andover, MA 01810	mailed
Conservation Law Foundation	N/A	62 Summer Street	Boston, MA 02108	mailed
Mr. Mark Curtin	N/A	67 Abbot Street	Andover, MA 01810	mailed
Department of Community	Town of Andover	36 Bartlet Street	Andover, MA 01810	mailed
Mr. and Mrs. Frank Firicano	N/A	110 Abbot Street	Andover, MA 01810	mailed
Ms. Kaija Gilmore	N/A	83 Elm Street	Andover, MA 01810	mailed
Mr. Donald Cooper	Andover Conservation Commission	36 Bartlet Street	Andover, MA 01810	mailed
Mr. Ronald Hill	N/A	15 Abbot Street	Andover, MA 01810	mailed
Lawrence Eagle Tribune	News Room	P.O. Box 100	Lawrence, MA 01842	mailed
Mr. Scott Matsumoto	N/A	15 Windemere Drive	Andover, MA 01810	mailed
Merrimack River Watershed Council	N/A	60 Island Street #2	Lawrence, MA 01842	mailed
Merrimack Valley Planning Commission	N/A	160 Main Street	Haverhill, MA 01830	mailed
Mr. James Paul	Lowell Street Investments	1 Washington St., Suite 400	Wellesley, MA 02481	mailed
Mr. Jack Petkus	Andover Department of Public Works	Water Treatment Plant, 397 Lowell Street	Andover, MA 01810	mailed
Mr. Robert Pursell	N/A	86 Porter Road	Andover, MA 01810	mailed
Mr. Robert Douglas	Andover Conservation Commission	36 Bartlet Street	Andover, MA 01810	mailed
Residents	N/A	3 Nab Hill Circle	Andover, MA 01810	mailed
Mr. and Mrs. Thomas Richardson	N/A	23 Greenwood Road	Andover, MA 01810	mailed
Ms. Karen Stromberg	MassDEP	One Winter Street	Boston, MA 02108	mailed
Deputy Assistant Commissioner, BWSC	MassDEP	One Winter Street	Boston, MA 02108	mailed

Notes:

NDAAUTF Not deliverable as addressed; unable to forward

RTS Returned to sender

RMNFA Recipient moved and left no forwarding address

CONCEPTUAL SITE MODEL MOBIL STATION #1436 309 LOWELL STREET, ANDOVER, MA MASSDEP RTN 3-3072

The Site consists of a 0.51 acre parcel located within a commercially zoned area of Andover. According to previous environmental reports prepared by Applied Geosystems, Inc., Groundwater and Environmental Services, Inc. (GES) and Camp, Dresser and McKee, Inc. (CDM), as well as available historical topographic maps and aerial photographs, the Site was first developed as a gasoline filling station circa 1959. Prior to 1959, the property was reportedly part of a dairy farm operation. The area surrounding the Site consists of both commercial businesses and residential properties. The Site is currently improved with a single-story, slab-on-grade construction building improved with a Dunkin Donuts and a convenience store. The Site is serviced by underground municipal water and sanitary sewer utilities as well as overhead electric and communication utilities.

Prior to 1986, the Site was utilized as an automotive repair facility and retail gasoline station. In 1989 the service bays were remodeled and the building was converted to a convenience store. Former Site features associated with the use of the Site as an automotive repair facility included a former 500-gallon waste oil UST (reportedly removed from the Site in 1987), two hydraulic lifts, floor drains, an oil/water separator, a drywell and a former 550-gallon fuel oil UST (reportedly removed from the Site in 1989).

Sensitive receptors located in the vicinity of the Site include an intermittent stream which flows along the northern boundary of the Site and is a tributary to Fish Brook. Fish Brook discharges into Haggets Pond. The Site is also located within the boundaries of a Zone A Surface Water Supply Protection Area associated with Haggets Pond, which supplies drinking water to the City of Andover. The Haggets Pond surface water intake is located approximately 0.75 miles southwest of the Site. The nearest public water supply (PWS) well is located approximately 1.5 miles to the southeast of the Site. The Site is not located within the boundaries of a Zone II Area, an IWPA or a PPA. According to previous environmental reports, there are no private drinking water supply wells located within 500 ft of the Site. Depth to groundwater beneath the Site has historically been observed at depths ranging from 3 to 13 ft bgs and groundwater has been historically calculated to flow in a north-northeasterly direction beneath the Site.

Potential human receptors present at the Site under current Disposal Site conditions include adult Site workers, adult and child Site visitors/patrons, adult and child trespassers/passersby and adult utility workers. Under potential future Disposal Site conditions, potential human receptors that may be present at the Site include all of the above as well as potential future adult and child residents and adult construction workers.

Due to the Site's location within the boundaries of a Zone A Surface Water Supply Protection Area, MCP Method 1 Risk Characterization Groundwater Category GW-1 applies to all groundwater located beneath the Site. Additionally, due to the average annual depth to groundwater being less than 15 ft bgs, MCP Groundwater Category GW-2 also applies to all groundwater located within 30 ft of an occupied structure at the Site. Lastly, MCP Groundwater Category GW-3 applies to all groundwater in the Commonwealth of Massachusetts. For soil, MCP Category S-1 applies to all soil located between the ground surface and 3 ft bgs in unpaved areas of the Site and MCP Soil Category S-2 applies to all soil located between 3 and 15 ft bgs beneath paved surface at the Site. Soil located greater than 15 ft bgs or beneath permanent structures at the Site is classified as MCP Category S-3 soil.

The property first became a MassDEP listed Site following the discovery of petroleum impacted soil and groundwater during the removal of a 550-gallon fuel oil UST in November 1989. The contaminants identified were characterized as being related to weathered gasoline. Various environmental reports and remedial response actions have been conducted at the Site since 1989. Remedial response actions conducted at the Site during that timeframe are summarized below:

- Excavation and disposal of approximately 30 yds³ of petroleum impacted soil in November 1989 during former fuel oil UST excavation activities (MassDEP RTN 3-3072);
- Operation of a groundwater recovery, AS, and SVE system at the Site (January 1991 March 2007);
- Completion of IRA activities associated for MassDEP RTN 3-13955 in August of 1996, associated with a release of gasoline from a malfunctioning gasoline UST flex connector (RTN was subsequently linked to RTN 3-3072);
- Completion of IRA activities associated with a SRM condition identified at the Site in May 1998 following the detection of MTBE in a surface water sample collected from the stream located to the north and downgradient of the Site (IRA activities were conducted under MassDEP RTN 3-3072);
- Completion of IRA activities associated with the detection of greater than 0.5 inches of LNAPL in monitoring well MW-2 in September 2001. IRA activities were conducted under MassDEP RTN 3-21062 and included hand bailing of LNAPL and an evaluation of potential LNAPL migration pathways (RTN 3-21062 was subsequently linked to RTN 3-3072);
- September through November 2001 LNAPL hand-bailing activities were conducted at the Site under an IRA for MassDEP RTN 3-21062;
- Excavation and disposal of approximately 160 yds³ of petroleum impacted soil in September 2005 under a RAM during the completion of UST system upgrade activities;
- Excavation and disposal of approximately 756 tons of petroleum impacted soil, the extraction, treatment and subsequent discharge of approximately 60,700 gallons of groundwater, and the extraction and disposal of approximately 9,000 gallons of groundwater during the completion of UST removal and replacement activities in April 2014; and,
- Performance of an ongoing MNA program under ROS, which includes semi-annual groundwater sampling for VPH and MNA parameters as well as semi-annual surface water sampling (discontinued in June 2012).

The source of Site petroleum hydrocarbon contamination at the Site is attributed to a release of an unknown quantity of gasoline associated with the historical use of the Site as a gasoline filling station. Impacted soil was identified during the excavation and removal of a former 1,000-gallon fuel oil UST at the Site in 1989. Subsequent subsurface investigation activities have indicated that the highest concentrations of petroleum hydrocarbons impacts detected in soil appear to be located immediately down gradient of the current gasoline UST and fuel dispenser systems. Additionally, soil impacts have been observed at depths ranging from approximately 4 to 9 ft bgs in the vicinity of the former fuel oil UST that was located near the southeastern corner of the on-site building.

Historically, dissolved-phase VPH constituents have been detected in groundwater samples collected from both on- and off-site groundwater monitoring wells. Historically, the highest concentrations of dissolved-phase contaminants are located in the vicinity of groundwater monitoring wells OW-13 and MW-2. The furthest historical downgradient detection of VPH constituents (MTBE) has been in downgradient, off-site monitoring well OW-S, located approximately 750 ft from the source area. During the most recent groundwater sampling event completed in June 2016, dissolved-phase VPH target constituents were not detected at concentrations greater than their applicable MCP Method 1 GW-1 groundwater standards in any of the groundwater monitoring wells sampled with the exception of OW-13.

Additionally, with the exception of one groundwater sample collected from monitoring well OW-K in January 2008, no groundwater samples collected from any on or off-site monitoring wells have exhibited concentrations of MTBE greater than the MCP Method 1 GW-1 Groundwater Standard for that parameter since at least December 2006.

The Disposal Site boundaries encompass portions of the source property as well as impacted downgradient/cross gradient parcels 151-13, 1151-4, 151-14A, and 151-14B, as identified on the town of Andover tax map #151 and Figure 3. These parcels are occupied by an undeveloped residential property (parcel 13), a golf course and driving range (parcel 14), an apartment complex (parcel 14A), and an athletic club (parcel 14B).

TIMELINE: KEY REGULATORY DATES MASSDEP RTN 3-3072 AND RELATED RTNS 3-13955, 3-21062, AND 3-22521

November 1989	Gasoline related petroleum constituents detected in soil and groundwater during UST removal.						
January 1990	Phase I Limited Site Investigation completed by Applied Geosystems, Inc. MassDEP RTN 3-3072 assigned to the Site at that time.						
October 1993	Site classified as a Tier II Disposal Site.						
June 29, 2006	IRA activities initiated following a release of gasoline from a gasoline UST flex connector. RTN 3-13955 assigned to the release condition at that time.						
March 23, 1998	IRA Completion Report submitted to the MassDEP by GES for RTN 3-13955, which was linked to RTN 3-3072 at that time.						
May 1998	SRM condition reported to the MassDEP following the detection of MTBE in surface water samples collected from downgradient of the Site. Subsequent IRA activities were conducted at the Site under RTN 3-3072.						
September 2001	MassDEP RTN 3-21062 issued to the Site following notification of the detection of greater than 0.5 inches of LNAPL in monitoring well MW-2. IRA activities were conducted which including hand bailing of LNAPL and an evaluation of potential LNAPL migration pathways.						
November 2001	An IRA Completion report for RTN 3-21062 was filed with the MassDEP, at which time RTN 3-21062 was linked to RTN 3-3072.						
September 2002	PCBs were detected in a soil sample collected from a depth range of 6 to 8 ft bgs at a concentration exceeding the MCP RCS-1 Reportable Concentration for that parameter during the performance of subsurface investigation activities. The PCB detection was subsequently reported to the MassDEP in January 2003 and the MassDEP issued RTN 3-22521 to the condition at that time.						
July 2003	MassDEP RTN 3-22521 linked to RTN 3-3072.						
October 2003	Phase II Comprehensive Site Assessment submitted to MassDEP by GES.						
December 2003	Notice of Noncompliance (NON) issued to Exxon Mobil for failure to submit a Phase III RAP, Phase IV RIP, and a RAO. The NON required a RAO or Phase III/Phase IV/ROS Opinion be submitted to the MassDEP on or before September 1, 2004. CDM becomes the consultant of record for the Site.						
February 2004	Tier II Extension filed by CDM to continue response actions at the Site.						
March 2004	Phase III RAP submitted to the MassDEP by CDM.						

August 2004	A Phase IV RIP, an IRA Completion Statement (treatment system was previously operated as an IRA), and a ROS Opinion were submitted to MassDEP by CDM.
March 30, 2007	The groundwater recovery/AS/SVE treatment system is shut down and the MNA program is implemented at the Site under ROS.
September 2010	Global Companies LLC acquires property, and ECS becomes the consultant of record for the Disposal Site.
April 7, 2014	ECS submitted a RAM Plan for the proposed Site upgrade activities which included the excavation and removal of three gasoline USTs and installation of two new USTs in their place and the replacement of one of the fuel dispensers.
April 2014	A 72-hour reportable condition was encountered when greater than 100 ppm TOVs was detected in soil samples collected in the immediate vicinity of the onsite USTs during UST removal and replacement activities. RTN 3-32096 was assigned to the condition.
April 2014	During the completion of the UST removal and soil excavation activities, a total of 756 tons of petroleum-impacted soil was transported off-site to Aggregate Recycling Corporation (ARC) of Eliot, ME. During excavation activities, a total of 60,700 gallons of groundwater was extracted from the UST grave, treated, and discharged to the municipal sewer system. Additionally, approximately 9,000-gallons of water was transported off-site to Newstream for disposal.
July 2014	RTN 3-32096 was linked to RTN 3-3072 with the submittal of an IRA Completion Report.

Abbreviations and Acronyms

ACEC Area of Critical Environmental Concern

ACO Administrative Consent Order

AOC Area of Concern

AWQC Ambient Water Quality Criteria APH Air Petroleum Hydrocarbon

AS Air Sparge

AST Aboveground Storage Tank

ASTM American Society for Testing and Materials

AUL Activity and Use Limitation

BOL Bill of Lading
BOH Board of Health
bgs Below Ground Surface

BTEX Benzene, Toluene, Ethylbenzene, Xylene

BWSC Bureau of Waste Site Cleanup
CAM Compendium of Analytical Methods
CEP Critical Exposure Pathway

CERCLA Comprehensive Environmental Response, Compensation and Liability Act

CMR Code of Massachusetts Regulations

COC Contaminants of Concern
CSA Comprehensive Site Assessment
CSM Conceptual Site Model

DNAPL Dense Non-Aqueous Phase Liquid

DO Dissolved Oxygen

DOT Department of Transportation
DPS Downgradient Property Status
DWSA Drinking Water Source Area

ECS Environmental Compliance Services, Inc.

EFR Enhanced Fluid Extraction
ELCR Excess Lifetime Cancer Risk
EPA Environmental Protection Agency
EPC Exposure Point Concentration

EPH Extractable Petroleum Hydrocarbons, MADEP Method 04-1.1

ESA Environmental Site Assessment

EW Extraction Well
FIR Final Inspection Report
frac tank fractionation tank

ft Foot

GAC Granular Activated Carbon

GC/FID Gas Chromatogram/Flame Ionization Detector

GIS Global Information System
GPR Ground Penetrating Radar
GWA Groundwater Analytical, Inc.
GWTS Groundwater Treatment System
GW-1, GW-2, GW-3 MCP Method 1 Groundwater Categories

HI Hazard Index
hp Horsepower
in. HG inches of mercury
IRA Immediate Response Action

ISCO In Situ Chemical Oxidation

IW Injection Well

IWPA Interim Wellhead Protection Area

LEL Lower Explosive Limit

LEPLicensed Environmental ProfessionalLGACLiquid-Phase Granular Activated CarbonLNAPLLight Non-Aqueous Phase LiquidLRALimited Removal Action

LSI Limited Subsurface Investigation LSP Licensed Site Professional

Massachusetts Department of Environmental Protection

MBAS Methyl Blue Active Substance
MCP Massachusetts Contingency Plan
MDL Method Detection Limit

M.G.L.c. 21E Massachusetts General Law, chapter 21E

mg/L milligrams per liter

MNA Monitored Natural Attenuation

Mod Modification

MPE Multi-Phase Extraction

MSR&L Material Shipping Record and Log



Abbreviations and Acronyms

MtBE Methyl Tertiary Butyl Ether

MW Monitoring Well ND Non-detect

NHESP National Heritage & Endangered Species Program

NON Notice of Noncompliance NOR Notice of Responsibility

NPDES National Pollutant Discharge Elimination System

NRS Numerical Ranking System
OHM Oil and Hazardous Materials

OMM Operation, Maintenance and/or Monitoring

Ondrick Ted Ondrick Company, LLC
ORP Oxidation-Reduction Potential

OSHA Occupational Safety and Health Administration

PAH Polynuclear Aromatic Hydrocarbon

PCB Polychlorinated biphenyl
PEL Permissible Exposure Limit
PDWW Private Drinking Water Well
Phase I Phase I Initial Site Investigation
Phase I ESA Phase I Environmental Site Assessment
Phase II Phase II Comprehensive Site Assessment
Phase II ESA Phase II Environmental Site Assessment

Phase III Phase III Identification, Evaluation and Selection of Comprehensive Remedial Action Alternatives

Phase IV Phase IV – Implementation of Selected Remedial Action Alternative

PID Photoionization Detector
POET Point of Entry Treatment
POTW Publicaly Owned Treatment Works

PPA Potentially Productive Aquifer ppb Parts-per-Billion

ppb Parts-per-Billion
ppm Parts-per-Million
ppm(v) Parts per million (

ppm(v) Parts per million (by volume)
RAA Remedial Action Alternative
RAM Release Abatement Measure
RAO Response Action Outcome
RAP Remedial Action Plan
RC Risk Characterization

RCGW-l, RCGW-2 RCS-l, RCS- Reportable Concentration Groundwater/Soil Categories

RCRA Resource Conservation and Recovery Act
REC Recognized Environmental Condition
RGP Remedial General Permit

RIP Remedy Implementation Plan
RMR Remedial Monitoring Report
RLF Release Log Form
RNF Release Notification Form
ROS Remedy Operation Status

ROS Report Phase V Inspection and Monitroing Report in Support of ROS

RTN Release Tracking Number

RW Recovery Well

Scfm Standard cubic feet per minute
S-1, S-2, S-3 MCP Method 1 Soil Categories
SOP Standard Operating Procedures

SOW Scope-of-Work

Spectrum Analytical, Inc., Agawam, MA

SRM Substantial Release Migration SVE Soil Vapor Extraction

SVOC Semi Volatile Organic Compound SWQG Surface Water Quality Guidance

TOC Total Organic Carbon
TOVs Total Organic Vapors
TPH Total Petroleum Hydrocarbons
UCL Upper Concentration Limit
ug/L micrograms per liter

USEPA United States Environmental Protection Agency

USGS United States Geologic Survey
UST Underground Storage Tank
Vactor High Vacuum Extractor

VGAC Vapor-Phase Granular Activated Carbon

VOC Volatile Organic Compound

VPH Volatile Petroleum Hydrocarbons, MADEP Method 04-1.1



ATTACHMENT III



March 18, 2016

Nicole Callahan ECS - Woburn, MA 10 State Street Woburn, MA 01801

Project Location: 309 Lowell St., Andover, MA

Client Job Number:

Project Number: 95-214880

Laboratory Work Order Number: 16C0395

Enclosed are results of analyses for samples received by the laboratory on March 9, 2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas Project Manager

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ECS - Woburn, MA 10 State Street Woburn, MA 01801

ATTN: Nicole Callahan

REPORT DATE: 3/18/2016

PURCHASE ORDER NUMBER: Global

PROJECT NUMBER: 95-214880

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16C0395

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 309 Lowell St., Andover, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-1	16C0395-01	Ground Water		3810-RSK175	
				ASTM D516-07	
				MADEP-VPH-04-1	.1
				SM 21-22 4500 NO	3 F
				SW-846 6010C/D	
MW-2R	16C0395-02	Ground Water		MADEP-VPH-04-1	.1
MW-3	16C0395-03	Ground Water		MADEP-VPH-04-1	.1
MW-4	16C0395-04	Ground Water		MADEP-VPH-04-1	.1
OW-12	16C0395-05	Ground Water		3810-RSK175	
				ASTM D516-07	
				MADEP-VPH-04-1	.1
				SM 21-22 4500 NO	3 F
				SW-846 6010C/D	
OW-13	16C0395-06	Ground Water		3810-RSK175	
				ASTM D516-07	
				MADEP-VPH-04-1	.1
				SM 21-22 4500 NO	3 F
				SW-846 6010C/D	
OW-ED	16C0395-07	Ground Water		3810-RSK175	
				ASTM D516-07	
				MADEP-VPH-04-1	.1
				SM 21-22 4500 NO	3 F
				SW-846 6010C/D	



CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

MADEP-VPH-04-1.1

No significant modifications were made to the method. All VPH samples were received preserved properly at pH < 2 in the proper containers as specified on the chain-of-custody form unless specified in this narrative.

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016
Field Sample #: MW-1

Sampled: 3/8/2016 15:15

Sample ID: 16C0395-01
Sample Matrix: Ground Water

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
Unadjusted C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
C9-C10 Aromatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
Benzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
Ethylbenzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
Naphthalene	ND	5.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
Toluene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
m+p Xylene	ND	2.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
o-Xylene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 21:39	EEH
Surrogates		% Recovery	Recovery Limits	s	Flag/Qual				
2,5-Dibromotoluene (FID)		107	70-130					3/10/16 21:39	
2,5-Dibromotoluene (PID)		105	70-130					3/10/16 21:39	



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016

Field Sample #: MW-1 Sampled: 3/8/2016 15:15

Sample ID: 16C0395-01
Sample Matrix: Ground Water

Miscellaneous Organic Analyses

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Methane		0.67	0.0026	mg/L	1		3810-RSK175	3/17/16	3/17/16 15:37	ТРН



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016

Field Sample #: MW-1 Sampled: 3/8/2016 15:15

Sample ID: 16C0395-01
Sample Matrix: Ground Water

Metals Analyses (Dissolved)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Iron		46	0.050	mg/L	1		SW-846 6010C/D	3/10/16	3/15/16 16:17	AME
Manganese		6.8	0.010	mg/L	1		SW-846 6010C/D	3/10/16	3/15/16 16:17	AME



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016

Field Sample #: MW-1

Sampled: 3/8/2016 15:15

Sample ID: 16C0395-01
Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Nitrate as N		ND	0.050	mg/L	1		SM 21-22 4500 NO3 F	3/15/16	3/15/16 17:00	AG
Sulfate		20	2.0	mg/L	1		ASTM D516-07	3/14/16	3/14/16 10:30	MMH



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016
Field Sample #: MW-2R

Sampled: 3/8/2016 09:45

Sample ID: 16C0395-02

Sample Matrix: Ground Water

Petroleum H	Ivdrocarbons	Analyses -	- VPH
-------------	--------------	------------	-------

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
C5-C8 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
Unadjusted C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
C9-C10 Aromatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
Benzene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
Ethylbenzene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
Naphthalene	ND	5.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
Toluene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
m+p Xylene	ND	2.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
o-Xylene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:15	EEH
Surrogates		% Recovery	Recovery Limits	i	Flag/Qual				
2,5-Dibromotoluene (FID)		125	70-130					3/10/16 22:15	
2.5-Dibromotoluene (PID)		119	70-130					3/10/16 22:15	



Project Location: 309 Lowell St., Andover, MA Work Order: 16C0395 Sample Description:

Date Received: 3/9/2016 Field Sample #: MW-3

Sampled: 3/8/2016 12:20

Sample ID: 16C0395-03 Sample Matrix: Ground Water

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
Unadjusted C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
C9-C10 Aromatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
Benzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
Ethylbenzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
Naphthalene	ND	5.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
Toluene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
m+p Xylene	ND	2.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
o-Xylene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 22:51	EEH
Surrogates		% Recovery	Recovery Limits	;	Flag/Qual				
2,5-Dibromotoluene (FID)		122	70-130					3/10/16 22:51	
2,5-Dibromotoluene (PID)		117	70-130					3/10/16 22:51	



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016
Field Sample #: MW-4

Sampled: 3/8/2016 11:15

Sample ID: 16C0395-04
Sample Matrix: Ground Water

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
C5-C8 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
Unadjusted C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
C9-C10 Aromatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
Benzene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
Ethylbenzene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
Naphthalene	ND	5.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
Toluene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
m+p Xylene	ND	2.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
o-Xylene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/10/16 23:27	EEH
Surrogates		% Recovery	Recovery Limits	1	Flag/Qual				
2,5-Dibromotoluene (FID)		112	70-130					3/10/16 23:27	
2,5-Dibromotoluene (PID)		104	70-130					3/10/16 23:27	



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016

Field Sample #: OW-12

Sampled: 3/8/2016 13:25

Sample ID: 16C0395-05
Sample Matrix: Ground Water

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
C5-C8 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
Unadjusted C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
C9-C10 Aromatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
Benzene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
Ethylbenzene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
Naphthalene	ND	5.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
Toluene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
m+p Xylene	ND	2.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
o-Xylene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:03	EEH
Surrogates		% Recovery	Recovery Limits	1	Flag/Qual				
2,5-Dibromotoluene (FID)		111	70-130					3/11/16 0:03	
2,5-Dibromotoluene (PID)		108	70-130					3/11/16 0:03	



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016

Field Sample #: OW-12 Sampled: 3/8/2016 13:25

Sample ID: 16C0395-05
Sample Matrix: Ground Water

Miscellaneous Organic Analyses

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Methane		0.13	0.0026	mg/L	1		3810-RSK175	3/17/16	3/17/16 16:08	ТРН



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016
Field Sample #: OW-12

Sampled: 3/8/2016 13:25

Sample ID: 16C0395-05
Sample Matrix: Ground Water

Metals Analyses (Dissolved)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Iron		0.47	0.050	mg/L	1		SW-846 6010C/D	3/10/16	3/15/16 16:23	AME
Manganese		0.68	0.010	mg/L	1		SW-846 6010C/D	3/10/16	3/15/16 16:23	AME



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016
Field Sample #: OW-12

Sampled: 3/8/2016 13:25

Sample ID: 16C0395-05
Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Nitrate as N		1.0	0.050	mg/L	1		SM 21-22 4500 NO3 F	3/15/16	3/15/16 17:00	AG
Sulfate		25	2.0	mg/L	1		ASTM D516-07	3/14/16	3/14/16 10:30	MMH



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016
Field Sample #: OW-13

Sampled: 3/8/2016 10:25

Sample ID: 16C0395-06
Sample Matrix: Ground Water

D / 1	TT 1 1	4 1 X7DT	
Petroleum	Hydrocarbons	Anaiyses - v Pr	1

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	230	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
C5-C8 Aliphatics	230	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
Unadjusted C9-C12 Aliphatics	550	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
C9-C10 Aromatics	670	100	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
Benzene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
Ethylbenzene	15	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
Naphthalene	6.8	5.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
Toluene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
m+p Xylene	21	2.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
o-Xylene	2.4	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 0:39	EEH
Surrogates		% Recovery	Recovery Limits	i	Flag/Qual				
2,5-Dibromotoluene (FID)		128	70-130					3/11/16 0:39	
2,5-Dibromotoluene (PID)		121	70-130					3/11/16 0:39	



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016

Field Sample #: OW-13

Sampled: 3/8/2016 10:25

Sample ID: 16C0395-06
Sample Matrix: Ground Water

Miscellaneous Organic Analyses

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Methane		0.83	0.0026	mg/L	1		3810-RSK175	3/17/16	3/17/16 16:25	TPH



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016

Field Sample #: OW-13

Sampled: 3/8/2016 10:25

Sample ID: 16C0395-06
Sample Matrix: Ground Water

Metals Analyses (Dissolved)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Iron		2.9	0.050	mg/L	1		SW-846 6010C/D	3/10/16	3/15/16 16:28	AME
Manganese		0.67	0.010	mg/L	1		SW-846 6010C/D	3/10/16	3/15/16 16:28	AME



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016
Field Sample #: OW-13

Sampled: 3/8/2016 10:25

Sample ID: 16C0395-06
Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Nitrate as N		ND	0.050	mg/L	1		SM 21-22 4500 NO3 F	3/15/16	3/15/16 17:00	AG
Sulfate		21	2.0	mg/L	1		ASTM D516-07	3/14/16	3/14/16 10:30	MMH



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016

Field Sample #: OW-ED

Sampled: 3/8/2016 14:25

Sample ID: 16C0395-07
Sample Matrix: Ground Water

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
Unadjusted C9-C12 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
C9-C12 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
C9-C10 Aromatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
Benzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
Ethylbenzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
Naphthalene	ND	5.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
Toluene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
m+p Xylene	ND	2.0	μg/L	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
o-Xylene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	3/10/16	3/11/16 1:15	EEH
Surrogates		% Recovery	Recovery Limits	3	Flag/Qual				
2,5-Dibromotoluene (FID)		128	70-130					3/11/16 1:15	
2,5-Dibromotoluene (PID)		121	70-130					3/11/16 1:15	



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016

Field Sample #: OW-ED Sampled: 3/8/2016 14:25

Sample ID: 16C0395-07
Sample Matrix: Ground Water

Miscellaneous Organic Analyses

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Methane		ND	0.0026	mg/L	1		3810-RSK175	3/17/16	3/17/16 16:43	TPH



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016

Field Sample #: OW-ED Sampled: 3/8/2016 14:25

Sample ID: 16C0395-07
Sample Matrix: Ground Water

Metals Analyses (Dissolved)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Iron		ND	0.050	mg/L	1		SW-846 6010C/D	3/10/16	3/15/16 16:32	AME
Manganese		ND	0.010	mg/L	1		SW-846 6010C/D	3/10/16	3/15/16 16:32	AME



Project Location: 309 Lowell St., Andover, MA Sample Description: Work Order: 16C0395

Date Received: 3/9/2016

Field Sample #: OW-ED

Sampled: 3/8/2016 14:25

Sample ID: 16C0395-07
Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Nitrate as N		5.8	0.050	mg/L	1		SM 21-22 4500 NO3 F	3/15/16	3/15/16 17:00	AG
Sulfate		31	2.0	mg/L	1		ASTM D516-07	3/14/16	3/14/16 10:30	MMH



Sample Extraction Data

3810-RSK175

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16C0395-01 [MW-1]	B144548	1.00	1.00	03/17/16
16C0395-05 [OW-12]	B144548	1.00	1.00	03/17/16
16C0395-06 [OW-13]	B144548	1.00	1.00	03/17/16
16C0395-07 [OW-ED]	B144548	1.00	1.00	03/17/16

ASTM D516-07

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16C0395-01 [MW-1]	B144195	100	100	03/14/16
16C0395-05 [OW-12]	B144195	100	100	03/14/16
16C0395-06 [OW-13]	B144195	100	100	03/14/16
16C0395-07 [OW-ED]	B144195	100	100	03/14/16

Prep Method: MA VPH-MADEP-VPH-04-1.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16C0395-01 [MW-1]	B143949	5	5.00	03/10/16	
16C0395-02 [MW-2R]	B143949	5	5.00	03/10/16	
16C0395-03 [MW-3]	B143949	5	5.00	03/10/16	
16C0395-04 [MW-4]	B143949	5	5.00	03/10/16	
16C0395-05 [OW-12]	B143949	5	5.00	03/10/16	
16C0395-06 [OW-13]	B143949	5	5.00	03/10/16	
16C0395-07 [OW-ED]	B143949	5	5.00	03/10/16	

SM 21-22 4500 NO3 F

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16C0395-01 [MW-1]	B144309	25.0	25.0	03/15/16	
16C0395-05 [OW-12]	B144309	25.0	25.0	03/15/16	
16C0395-06 [OW-13]	B144309	25.0	25.0	03/15/16	
16C0395-07 [OW-ED]	B144309	25.0	25.0	03/15/16	

Prep Method: SW-846 3005A Dissolved-SW-846 6010C/D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16C0395-01 [MW-1]	B143982	50.0	50.0	03/10/16	
16C0395-05 [OW-12]	B143982	50.0	50.0	03/10/16	
16C0395-06 [OW-13]	B143982	50.0	50.0	03/10/16	
16C0395-07 [OW-ED]	B143982	50.0	50.0	03/10/16	



QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B143949 - MA VPH										
Blank (B143949-BLK1)				Prepared &	Analyzed: 03	/10/16				
Unadjusted C5-C8 Aliphatics	ND	100	μg/L							
C5-C8 Aliphatics	ND	100	$\mu g/L$							
Jnadjusted C9-C12 Aliphatics	ND	100	$\mu g/L$							
C9-C12 Aliphatics	ND	100	μg/L							
C9-C10 Aromatics	ND	100	μg/L							
Benzene	ND	1.0	μg/L							
Butylcyclohexane	ND	1.0	μg/L							
Decane	ND	1.0	μg/L							
Ethylbenzene	ND	1.0	μg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	μg/L							
-Methylpentane	ND	1.0	μg/L							
Naphthalene	ND	5.0	μg/L							
Nonane	ND	1.0	μg/L							
Pentane	ND	1.0	μg/L							
Foluene	ND	1.0	μg/L							
,2,4-Trimethylbenzene	ND	1.0	μg/L							
2,2,4-Trimethylpentane	ND	1.0	μg/L							
n+p Xylene	ND	2.0	μg/L							
-Xylene	ND	1.0	μg/L							
Surrogate: 2,5-Dibromotoluene (FID)	46.3		$\mu g/L$	40.0		116	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	44.7		μg/L	40.0		112	70-130			
LCS (B143949-BS1)				Prepared &	Analyzed: 03	/10/16				
Benzene	84.9	1.0	μg/L	100		84.9	70-130			
Butylcyclohexane	92.7	1.0	$\mu g/L$	100		92.7	70-130			
Decane	103	1.0	$\mu g/L$	100		103	70-130			
Ethylbenzene	88.5	1.0	$\mu g/L$	100		88.5	70-130			
Methyl tert-Butyl Ether (MTBE)	102	1.0	$\mu g/L$	100		102	70-130			
2-Methylpentane	98.4	1.0	$\mu g/L$	100		98.4	70-130			
Naphthalene	96.5	5.0	$\mu g/L$	100		96.5	70-130			
Nonane	98.3	1.0	$\mu g/L$	100		98.3	30-130			
Pentane	75.3	1.0	μg/L	100		75.3	70-130			
Toluene	88.9	1.0	$\mu \text{g/L}$	100		88.9	70-130			
1,2,4-Trimethylbenzene	84.6	1.0	$\mu \text{g/L}$	100		84.6	70-130			
2,2,4-Trimethylpentane	94.1	1.0	$\mu \text{g/L}$	100		94.1	70-130			
n+p Xylene	172	2.0	μg/L	200		85.8	70-130			
p-Xylene	84.2	1.0	μg/L	100		84.2	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	51.6		μg/L	40.0		129	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	51.8		$\mu g/L$	40.0		130	70-130			
LCS Dup (B143949-BSD1)				Prepared &	Analyzed: 03	/10/16				
Benzene	86.9	1.0	μg/L	100		86.9	70-130	2.35	25	
Butylcyclohexane	93.2	1.0	$\mu \text{g/L}$	100		93.2	70-130	0.566	25	
Decane	105	1.0	$\mu \text{g/L}$	100		105	70-130	2.07	25	
Ethylbenzene	90.6	1.0	$\mu g/L$	100		90.6	70-130	2.39	25	
Methyl tert-Butyl Ether (MTBE)	101	1.0	$\mu g/L$	100		101	70-130	1.11	25	
2-Methylpentane	101	1.0	$\mu g/L$	100		101	70-130	3.09	25	
Naphthalene	95.0	5.0	$\mu g/L$	100		95.0	70-130	1.58	25	
Nonane	99.7	1.0	$\mu g/L$	100		99.7	30-130	1.43	25	
Pentane	79.0	1.0	$\mu g/L$	100		79.0	70-130	4.84	25	
oluene	91.2	1.0	$\mu g/L$	100		91.2	70-130	2.49	25	
,2,4-Trimethylbenzene	84.6	1.0	$\mu g/L$	100		84.6	70-130	0.00355	25	



QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B143949 - MA VPH										
LCS Dup (B143949-BSD1)				Prepared &	Analyzed: 03	/10/16				
2,2,4-Trimethylpentane	97.8	1.0	μg/L	100		97.8	70-130	3.90	25	
m+p Xylene	177	2.0	$\mu g/L$	200		88.7	70-130	3.30	25	
o-Xylene	86.9	1.0	$\mu g/L$	100		86.9	70-130	3.15	25	
Surrogate: 2,5-Dibromotoluene (FID)	51.5		μg/L	40.0		129	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	49.6		$\mu g/L$	40.0		124	70-130			



QUALITY CONTROL

Miscellaneous Organic Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B144548 - 3810-RSK175										
Blank (B144548-BLK1)				Prepared &	Analyzed: 03	/17/16				
Methane	ND	0.0026	mg/L							
LCS (B144548-BS1)				Prepared &	Analyzed: 03	/17/16				
Methane	2000		mg/L	2000		97.6	56-121			
Duplicate (B144548-DUP1)	Sour	ce: 16C0395-	01	Prepared &	Analyzed: 03	/17/16				
Methane	0.623	0.0026	mg/L		0.667			6.88		



QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B143982 - SW-846 3005A Dissolved										
Blank (B143982-BLK1)				Prepared: 03	/10/16 Anal	yzed: 03/15/	16			
Iron	ND	0.050	mg/L							
Manganese	ND	0.010	mg/L							
LCS (B143982-BS1)				Prepared: 03	/10/16 Anal	yzed: 03/15/	16			
Iron	0.480	0.050	mg/L	0.500		95.9	80-120			
Manganese	0.486	0.010	mg/L	0.500		97.1	80-120			
LCS Dup (B143982-BSD1)				Prepared: 03	3/10/16 Anal	yzed: 03/15/	16			
Iron	0.481	0.050	mg/L	0.500		96.2	80-120	0.267	20	
Manganese	0.486	0.010	mg/L	0.500		97.3	80-120	0.155	20	



QUALITY CONTROL

$Conventional\ Chemistry\ Parameters\ by\ EPA/APHA/SW-846\ Methods\ (Total)\ -\ Quality\ Control$

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B144195 - ASTM D516-07										
Blank (B144195-BLK1)				Prepared &	Analyzed: 03	/14/16				
Sulfate	ND	2.0	mg/L							
LCS (B144195-BS1)				Prepared &	Analyzed: 03	/14/16				
Sulfate	20	2.0	mg/L	20.0		98.7	83.8-123			
LCS Dup (B144195-BSD1)				Prepared &	Analyzed: 03	/14/16				
Sulfate	20	2.0	mg/L	20.0		98.7	83.8-123	0.00	8.27	
Batch B144309 - SM 21-22 4500 NO3 F										
Blank (B144309-BLK1)				Prepared &	Analyzed: 03	/15/16				
Nitrate as N	ND	0.050	mg/L							
LCS (B144309-BS1)				Prepared &	Analyzed: 03	/15/16				
Nitrate as N	2.5		mg/L	2.50		99.6	88.9-111			
LCS Dup (B144309-BSD1)	Prepared & Analyzed: 03/15/16									
Nitrate as N	2.5		mg/L	2.50		99.6	88.9-111	0.00	5.66	



FLAG/QUALIFIER SUMMARY

OC result is outside of established fifth	*	OC result is outside of esta	ıblished	limits
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† Wide recovery limits established for difficult compound.

‡ Wide RPD limits established for difficult compound.

Data exceeded client recommended or regulatory level

ND Not Detected

RL Reporting Limit

DL Method Detection Limit

MCL Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the

calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.



CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications	
3810-RSK175 in Water		
Methane	VA,NY,ME	
ASTM D516-07 in Water		
Sulfate	NY,NH,MA,CT,RI,VA,NC	
MADEP-VPH-04-1.1 in Water		
Unadjusted C5-C8 Aliphatics	CT,NC,WA,ME,NH-P	
C5-C8 Aliphatics	CT,NC,WA,ME,NH-P	
Unadjusted C9-C12 Aliphatics	CT,NC,WA,ME,NH-P	
C9-C12 Aliphatics	CT,NC,WA,ME,NH-P	
C9-C10 Aromatics	CT,NC,WA,ME,NH-P	
Benzene	CT,NC,WA,ME,NH-P	
Ethylbenzene	CT,NC,WA,ME,NH-P	

CT,NC,WA,ME,NH-P CT,NC,WA,ME,NH-P

CT,NC,WA,ME,NH-P

CT,NC,WA,ME,NH-P

CT,NC,WA,ME,NH-P

SM 21-22 4500 NO3 F in Water

Methyl tert-Butyl Ether (MTBE)

Naphthalene

Toluene m+p Xylene

o-Xylene

Nitrate as N CT,MA,NH,NY,RI,ME,NC,VA

SW-846 6010C/D in Water

IronCT,NH,NY,ME,NC,VAManganeseCT,NH,NY,ME,NC,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publile Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2017
RI	Rhode Island Department of Health	LAO00112	12/30/2016
NC	North Carolina Div. of Water Quality	652	12/31/2016
NJ	New Jersey DEP	MA007 NELAP	06/30/2016
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2016
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2016
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2016

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IUDIC	O.	Contonto

***Container Code # of Containers ** Preservation East longmeadow, MA 01028 39 Spruce Street CHAIN OF CUSTODY RECORD 8 181-246-8867 Rev 04.05.12 Telephone: Email: info@contestlabs.com www.contestlabs.com COMPTER FAX: 413-525-2332

Dissolved Metals X Field Filtered C Lab to Filter ***Cont. Code: A=amber glass S=summa can T-tedlar bag ST=sterile 0=Other P=plastic G-glass V= vial ANALYSIS REQUESTED X × X Nethane × ₹ 3 Coar Cade G106a1/A11.0MQ2U Dallahan @ ESCONDULT "Enhanced Data Package" KPPOF X EXCEL GGIS <u>≥</u> Code DATA DELIVERY (check all that apply 914 880 CFAX KEMAIL XWEBSITE Composite Grab × OOTHER Client PO# Date/Time Project # Ending 29-10-15-15 ormat ection Hall #XG. Beginning Date/Time Project Location: 309 Cowell Street, Andover MA Client Sample ID / Description Project Proposal Provided? (for billing purposes) ANALYTICAL LABORATORY proposal date - M× Wobsen, MA Address: 10 State St Company Name: £CS Attention: N. Callahay Con-Test Lab ID Sampled By:

B = Sodium bisulfate **DW**= drinking water GW= groundwater WW=wastewater T = Na thiosulfate X = Na hydroxide S = Sulfuric Acid **Preservation *Matrix Code: M = Methanol N = Nitric Acid S = soil/solid 0 = Other Le a V THE T l = lced Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box: X X × X × × 7 3 13.25 10:35 子るろ やれん MW-AR OW-ED JW-13 OW-13 MW-3 H-WW $\frac{1}{2}$ Ō $\widetilde{\lesssim}$ Somments

O MA State DW Form Required PWSID# Is your project MCP or RCP? MCP Form Required CRCP Form Required

SL = sludge

H. High; M. Medium; L. Low; C. Clean; U. Unknown

Detection Limit Requirements

Turnaround

Date/Time:

(signature)

Relinduished by

Mas sachusetts.

7-Day

10-Day

AQ C C

3-9-16 Date/Time:

Other

RUSH *

Date/Time: 1935

Connecticut:

O = other

WBE/DBE Certified NELAC & AIHA-LAP, LLC Accredited

JRNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT ACORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

Other

† Require lab approval

Date/Time: 1935

yed by: (signature)

0 124-Hr 0 148-Hr ☐ *72-Hr ☐ *4-Day 39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com



Page 1 of 2

Sample Receipt Checklist

	ECS I			RECEIVED BY:		JDL		_DATE:_	3/9/2016
1) Was the chain(s) of custody r	elinquisl	ned and s	igned?		Yes	<u>X</u>	No		No COC Incl.
2) Does the chain agree with the If not, explain:	e sample:	s?			Yes	X	No		
3) Are all the samples in good c If not, explain:	ondition'	?			Yes	X	_ No		
4) How were the samples receiv	ed:								
On Ice X Direct from S	ampling_		Amb	ient		In Coc	oler(s)	Χ	
Were the samples received in Te	mperatu	re Compl	iance o	f (2-6°C	c)?	Yes	X	No	N/A
Temperature ℃ by Temp blank			Tem	peratu	re ℃ by	Temp	gun		3.6
5) Are there Dissolved samples	for the la	ıb to filter	?		Yes		No	Χ	
Who was notified									
6) Are there any RUSH or SHOR							No		
Who was notified David		Date _ 9-M	_						
					Permi	ssion to	subco	ntract sa	mples? Yes No
	Γ			ı	1. •				
') Location where samples are stor	ed:					-in clier	nts only) if not ali	ready approved
) Location where samples are stor	red:				(Walk		-		ready approved
•		.H: Ye	es X		(Walk	Signatu	ure:) if not ali	
B) Do all samples have the prop	er Acid p			_	(Walk	Signatu N/A	ure:	<u> </u>	
7) Location where samples are stor B) Do all samples have the prop Do all samples have the prop	er Acid p er Base p	оН: Үе	es	No	(Walk	Signatu N/A N/A	x	<u></u>	
B) Do all samples have the prop B) Do all samples have the prop 10) Was the PC notified of any d	er Acid p er Base p iscrepan	oH: Ye	the Co	No C vs th	(Walk	Signatu N/A N/A N/A Dies:	X Yes	<u></u>	
B) Do all samples have the prop D) Do all samples have the prop D) Was the PC notified of any d	er Acid p er Base p iscrepan	оН: Үе	the Co	No C vs th	(Walk	Signatu N/A N/A N/A Dies:	X Yes	<u></u>	
B) Do all samples have the prop D) Do all samples have the prop D) Was the PC notified of any d	er Acid p er Base p iscrepan Ontair	oH: Ye	the CoC	No C vs th	(Walk	Signatu N/A N/A N/A Dies:	X Yes	<u></u>	
B) Do all samples have the prop D) Do all samples have the prop D) Was the PC notified of any d	er Acid p er Base p iscrepan Ontair	oH: Ye	the CoC	No C vs th	(Walk Client	Signatu N/A N/A N/A Dies:	X Yes	<u></u>	N/A <u>X</u>
B) Do all samples have the prop D) Do all samples have the prop D) Was the PC notified of any d C	er Acid p er Base p iscrepan Ontair	oH: Ye	the CoC	No C vs th	(Walk Client	Signatu N/A N/A Dies:	X Yes est	- - - -	N/A <u>X</u>
B) Do all samples have the prop D) Do all samples have the prop D) Was the PC notified of any d C 1 Liter Amber	er Acid p er Base p iscrepan Ontair	oH: Ye	the CoC	No C vs th	(Walk Client	Signatu N/A N/A oles: On-Te	X Yes St ber ber ber ber	- - -	N/A <u>X</u>
Do all samples have the prop Do all samples have the prop D) Was the PC notified of any d C 1 Liter Amber 500 mL Amber	er Acid p er Base p iscrepan Ontair	oH: Ye	the CoC	No C vs th	(Walk Client	Signatu N/A N/A Dies: On-Te	X Yes est ber elear ja	- - -	N/A <u>X</u>
Do all samples have the prop Do all samples have the prop Was the PC notified of any d C 1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber)	er Acid p er Base p iscrepan Ontair	oH: Ye	the CoC	No C vs th	(Walk Client	Signatu N/A N/A Dies: On-Te	X Yes ber clear jaclear jaclear jaclear jacker	- - - - - - - -	N/A <u>X</u>
1 Liter Amber 250 mL Amber (8oz amber) 1 Liter Plastic 250 mL plastic 250 mL plastic	er Acid p er Base p iscrepan Ontair	oH: Yecies with hers recontainers	the CoC	No C vs th	(Walk Client ae samp at Co 8 oz a 4 oz a 2 oz a Plasti	Signatu N/A N/A Dies: On-Te amber/cam	X Yes ber Elear ja Elear ja Elear ja Ziploc	- - - - - - - -	N/A <u>X</u>
Do all samples have the property Do all samples have the property	er Acid p er Base p iscrepan Ontair	oH: Yecies with	the CoC	No C vs th	(Walk Client ae samp at CC 8 oz a 4 oz a 2 oz a Plasti	Signatu N/A N/A Dles: On-Te	X Yes ber clear ja cl	- - - - - - - -	N/A <u>X</u>
Do all samples have the property Do all samples have the property	er Acid p er Base p iscrepan Ontair	oH: Yecies with hers recontainers	the CoC	No C vs th	(Walk Client	Signatu N/A N/A N/A Dies: On-Te Soz am amber/c amber/c amber/c ic Bag / SOC K rchlorat shpoint	X Yes est ber elear ja elear ja elear ja zielear ja zielear ja tit e Kit bottle	- - - - - - - -	N/A <u>X</u>
Do all samples have the property Do all samples have the property	er Acid p er Base p iscrepan Ontair	oH: Yecies with hers recontainers	the CoC	No C vs th	(Walk Client	Signatu N/A N/A Dles: On-Te	yes ber clear ja clear ja clear ja delear ja	- - - - - - - -	N/A <u>X</u>

Page 2 of 2 <u>Login Sample Receipt Checklist</u>

(Rejection Criteria Listing - Using Sample Acceptance Policy) Any False statement will be brought to the attention of Client

Question	Answer (True/False	<u>Comment</u>
	T/F/NA	
1) The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	Т	
3) Samples were received on ice.	Т	
4) Cooler Temperature is acceptable.	Т	
5) Cooler Temperature is recorded.	Т	
6) COC is filled out in ink and legible.	Т	
7) COC is filled out with all pertinent information.	Т	
8) Field Sampler's name present on COC.	Т	
9) There are no discrepancies between the sample IDs on the container and the COC.	Т	
10) Samples are received within Holding Time.	Т	
11) Sample containers have legible labels.	Т	
12) Containers are not broken or leaking.	Т	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	Т	
15) Appropriate sample containers are used.	Т	
16) Proper collection media used.	Т	
17) No headspace sample bottles are completely filled.	Т	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	Т	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	Т	
21) Samples do not require splitting or compositing. Who notified of False	T T	Date/Time:

Doc #277 Rev. 4 August 2013

Who notified of False statements?

Log-In Technician Initials: JDL

Date/Time: 3/9/16 1935

	MADEP MCP Analytical Method Report Certification Form										
Labo	ratory Name:	Con-Test Ana	llytical Laboratory		Project #: 16C0	0395					
Proje	ct Location:	309 Lowell St.	, Andover, MA		RTN:						
	·		he following data set	: [list Laboratory Sar	nple ID Number(s)]						
160	0395-01 thru	ı 16C0395-07									
Matri	ces:	Water									
CA	AM Protoco	l (check all that b	pelow)								
	VOC II A ()	7470/7471 Hg CAM IIIB ()	MassDEP VPH CAM IV A (X)	8081 Pesticides CAM V B ()	7196 Hex Cr CAM VI B ()	MassDE CAM IX					
	SVOC B ()	7010 Metals CAM III C()	MassDEP EPH CAM IV A()	8151 Herbicides CAM V C ()	8330 Explosives CAM VIII A ()	TO-15 V CAM IX					
	Metals III A ()	6020 Metals CAM III D ()	8082 PCB CAM V A ()	9014 Total Cyanide/PAC CAM VI A ()	6860 Perchlorate CAM VIII B ()						
	A	ffirmative response	to Questions A throu	ghF is required for "F	Presumptive Certainty"	status					
A		rved (including tempera	ion consistent with those ature) in the field or labor		' -	☑ Yes	□No¹				
В		rtical method(s) and all	associated QC requirem	ents specificed in the se	lected CAM	☑ Yes	□No¹				
С	Were all requir	ed corrective actions a	nd analytical response ac ied performance standard		ected CAM	☑ Yes	□No¹				
D	Does the labor	atory report comply wit	th all the reporting required in Guidlines for the Acquis	ements specified in CAM		☑ Yes	□No¹				
Еa			Vas each method conducted method(s) for a list of s			☑ Yes	□No¹				
Εb		•	he complete analyte list r		?	☐Yes	□No¹				
F			and performance standa			☑ Yes	□No¹				
			and I below is require								
G	protocol(s)?	-	all CAM reporting limits s				□No¹				
			esumptive Certainty" described in 310 CMF		ssarily meet the data us VSC-07-350.	sability					
Н	Were all QC po	erfomance standards s	pecified in the CAM proto	ocol(s) achieved?		☑ _{Yes}	\square_{No^1}				
I	Were results re	eported for the complet	e analyte list specified in	the selected CAM protoc	col(s)?	☑ Yes	□No¹				
1 _{All}	Negative respo	onses must be addre	ssed in an attached Er	nvironmental Laborator	ry case narrative.						
thos	se responsible		nformation, the mater		pon my personal inqui nalytical report is, to tl	-					
Sigi	nature:	Lua	Warrlengten_	Position:	Project Manager		_				
Prir	ited Name:	Lisa A. Worthingto	on	Date:	03/18/16						



June 16, 2016

Matt Carey ECS - Woburn, MA 10 State Street Woburn, MA 01801

Project Location: 309 Lowell St.

Client Job Number:

Project Number: 95-214880

Laboratory Work Order Number: 16F0459

Enclosed are results of analyses for samples received by the laboratory on June 8, 2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas Project Manager

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ECS - Woburn, MA 10 State Street Woburn, MA 01801

ATTN: Matt Carey

REPORT DATE: 6/16/2016

PURCHASE ORDER NUMBER: Global 21J

95-214880

PROJECT NUMBER:

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16F0459

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 309 Lowell St.

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-1	16F0459-01	Ground Water		3810-RSK175	
				ASTM D516-07	
				MADEP-VPH-04-1	1.1
				SM 21-22 4500 NC	03 F
				SW-846 6010C-D	
MW-2R	16F0459-02	Ground Water		MADEP-VPH-04-1	1.1
MW-3	16F0459-03	Ground Water		MADEP-VPH-04-1	1.1
OW-12	16F0459-04	Ground Water		3810-RSK175	
				ASTM D516-07	
				MADEP-VPH-04-1	1.1
				SM 21-22 4500 NC	03 F
				SW-846 6010C-D	
OW-13	16F0459-05	Ground Water		3810-RSK175	
				ASTM D516-07	
				MADEP-VPH-04-1	1.1
				SM 21-22 4500 NC	03 F
				SW-846 6010C-D	
OW-ED	16F0459-06	Ground Water		3810-RSK175	
				ASTM D516-07	
				MADEP-VPH-04-1	1.1
				SM 21-22 4500 NC	03 F
				SW-846 6010C-D	



CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT 06-16-16: Per client request the project location and number have been revised.

MADEP-VPH-04-1.1

No significant modifications were made to the method. All VPH samples were received preserved properly at pH <2 in the proper containers as specified on the chain-of-custody form unless specified in this narrative.

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: MW-1

Sampled: 6/7/2016 12:36

Sample ID: 16F0459-01
Sample Matrix: Ground Water

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
Unadjusted C9-C12 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
C9-C12 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
C9-C10 Aromatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
Benzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
Ethylbenzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
Naphthalene	ND	5.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
Toluene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
m+p Xylene	ND	2.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
o-Xylene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 1:27	EEH
Surrogates		% Recovery	Recovery Limits	s	Flag/Qual				
2,5-Dibromotoluene (FID)		84.4	70-130					6/10/16 1:27	
2,5-Dibromotoluene (PID)		72.8	70-130					6/10/16 1:27	



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: MW-1

Sampled: 6/7/2016 12:36

Sample ID: 16F0459-01
Sample Matrix: Ground Water

Miscellaneous Organic Analyses

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Methane		3.3	0.0053	mg/L	2		3810-RSK175	6/13/16	6/13/16 12:17	ТРН



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: MW-1

Sampled: 6/7/2016 12:36

Sample ID: 16F0459-01
Sample Matrix: Ground Water

Metals Analyses (Dissolved)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Iron		64	0.050	mg/L	1		SW-846 6010C-D	6/9/16	6/13/16 18:49	AME
Manganese		10	0.010	mg/L	1		SW-846 6010C-D	6/9/16	6/13/16 18:49	AME



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016
Field Sample #: MW-1

Sampled: 6/7/2016 12:36

Sample ID: 16F0459-01
Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Nitrate as N		ND	0.050	mg/L	1		SM 21-22 4500 NO3 F	6/14/16	6/14/16 17:00	AG
Sulfate		22	2.0	mg/L	1		ASTM D516-07	6/13/16	6/13/16 10:07	MMH



Project Location: 309 Lowell St. Work Order: 16F0459 Sample Description:

Date Received: 6/8/2016 Field Sample #: MW-2R

Sampled: 6/7/2016 11:52

Sample ID: 16F0459-02 Sample Matrix: Ground Water

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
C5-C8 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
Unadjusted C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
C9-C12 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
C9-C10 Aromatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
Benzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
Ethylbenzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
Naphthalene	ND	5.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
Toluene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
m+p Xylene	ND	2.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
o-Xylene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:03	EEH
Surrogates		% Recovery	Recovery Limits	ì	Flag/Qual				
2,5-Dibromotoluene (FID)		100	70-130					6/9/16 20:03	



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: MW-3

Sampled: 6/7/2016 11:08

Sample ID: 16F0459-03

Sample Matrix: Ground Water

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
C5-C8 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
Unadjusted C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
C9-C10 Aromatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
Benzene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
Ethylbenzene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
Naphthalene	ND	5.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
Toluene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
m+p Xylene	ND	2.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
o-Xylene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 20:39	EEH
Surrogates		% Recovery	Recovery Limits	3	Flag/Qual				
2,5-Dibromotoluene (FID)		99.2	70-130					6/9/16 20:39	
2,5-Dibromotoluene (PID)		86.8	70-130					6/9/16 20:39	



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016
Field Sample #: OW-12

Sampled: 6/7/2016 10:03

Sample ID: 16F0459-04

Sample Matrix: Ground Water

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
C5-C8 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
Unadjusted C9-C12 Aliphatics	160	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
C9-C12 Aliphatics	160	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
C9-C10 Aromatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
Benzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
Ethylbenzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
Naphthalene	ND	5.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
Toluene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
m+p Xylene	ND	2.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
o-Xylene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:15	EEH
Surrogates		% Recovery	Recovery Limits	3	Flag/Qual				
2,5-Dibromotoluene (FID)		103	70-130					6/9/16 21:15	
2,5-Dibromotoluene (PID)		92.2	70-130					6/9/16 21:15	



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: OW-12

Sampled: 6/7/2016 10:03

Sample ID: 16F0459-04

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Methane		0.11	0.0026	mg/L	1		3810-RSK175	6/13/16	6/13/16 12:33	ТРН



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: OW-12

Sampled: 6/7/2016 10:03

Sample ID: 16F0459-04

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Iron		0.89	0.050	mg/L	1		SW-846 6010C-D	6/9/16	6/13/16 18:54	AME
Manganese		0.54	0.010	mg/L	1		SW-846 6010C-D	6/9/16	6/13/16 18:54	AME



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: OW-12

Sampled: 6/7/2016 10:03

Sample ID: 16F0459-04
Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Nitrate as N		0.22	0.050	mg/L	1		SM 21-22 4500 NO3 F	6/14/16	6/14/16 17:00	AG
Sulfate		21	2.0	mg/L	1		ASTM D516-07	6/13/16	6/13/16 10:07	MMH



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: OW-13

Sampled: 6/7/2016 13:39

Sample ID: 16F0459-05

Sample Matrix: Ground Water

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	250	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
C5-C8 Aliphatics	250	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
Unadjusted C9-C12 Aliphatics	690	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
C9-C10 Aromatics	820	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
Benzene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
Ethylbenzene	14	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
Naphthalene	6.1	5.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
Toluene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
m+p Xylene	23	2.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
o-Xylene	1.9	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/10/16 2:03	EEH
Surrogates		% Recovery	Recovery Limits	1	Flag/Qual				
2,5-Dibromotoluene (FID)		96.3	70-130					6/10/16 2:03	
2,5-Dibromotoluene (PID)		84.2	70-130					6/10/16 2:03	



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: OW-13

Sampled: 6/7/2016 13:39

Sample ID: 16F0459-05

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Methane		1.3	0.0026	mg/L	1		3810-RSK175	6/13/16	6/13/16 13:00	TPH



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: OW-13

Sampled: 6/7/2016 13:39

Sample ID: 16F0459-05

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Iron		4.4	0.050	mg/L	1		SW-846 6010C-D	6/9/16	6/13/16 19:00	AME
Manganese		0.94	0.010	mg/L	1		SW-846 6010C-D	6/9/16	6/13/16 19:00	AME



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: OW-13

Sampled: 6/7/2016 13:39

Sample ID: 16F0459-05

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Nitrate as N		0.19	0.050	mg/L	1		SM 21-22 4500 NO3 F	6/14/16	6/14/16 17:00	AG
Sulfate		15	2.0	mg/L	1		ASTM D516-07	6/13/16	6/13/16 10:07	MMH



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016 Field Sample #: OW-ED

Sampled: 6/7/2016 08:57

Sample ID: 16F0459-06 Sample Matrix: Ground Water

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
C5-C8 Aliphatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
Unadjusted C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
C9-C12 Aliphatics	ND	100	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
C9-C10 Aromatics	ND	100	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
Benzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
Ethylbenzene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
Methyl tert-Butyl Ether (MTBE)	7.9	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
Naphthalene	ND	5.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
Toluene	ND	1.0	μg/L	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
m+p Xylene	ND	2.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
o-Xylene	ND	1.0	$\mu g/L$	1		MADEP-VPH-04-1.1	6/9/16	6/9/16 21:51	EEH
Surrogates		% Recovery	Recovery Limits	;	Flag/Qual				
2,5-Dibromotoluene (FID)		97.4	70-130					6/9/16 21:51	
2,5-Dibromotoluene (PID)		85.4	70-130					6/9/16 21:51	



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: OW-ED

Sampled: 6/7/2016 08:57

Sample ID: 16F0459-06
Sample Matrix: Ground Water

Miscellaneous Organic Analyses

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Methane		ND	0.0026	mg/L	1		3810-RSK175	6/13/16	6/13/16 13:14	TPH



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: OW-ED

Sampled: 6/7/2016 08:57

Sample ID: 16F0459-06

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Iron		ND	0.050	mg/L	1		SW-846 6010C-D	6/9/16	6/13/16 19:04	AME
Manganese		0.012	0.010	mg/L	1		SW-846 6010C-D	6/9/16	6/13/16 19:04	AME



Project Location: 309 Lowell St. Sample Description: Work Order: 16F0459

Date Received: 6/8/2016

Field Sample #: OW-ED

Sampled: 6/7/2016 08:57

Sample ID: 16F0459-06
Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

								Date	Date/Time	
	Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Nitrate as N		ND	0.050	mg/L	1		SM 21-22 4500 NO3 F	6/14/16	6/14/16 17:00	AG
Sulfate		34	2.0	mg/L	1		ASTM D516-07	6/13/16	6/13/16 10:07	MMH



Sample Extraction Data

3810-RSK175

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16F0459-01 [MW-1]	B151324	1.00	1.00	06/13/16	
16F0459-04 [OW-12]	B151324	1.00	1.00	06/13/16	
16F0459-05 [OW-13]	B151324	1.00	1.00	06/13/16	
16F0459-06 [OW-ED]	B151324	1.00	1.00	06/13/16	

ASTM D516-07

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16F0459-01 [MW-1]	B151307	100	100	06/13/16
16F0459-04 [OW-12]	B151307	100	100	06/13/16
16F0459-05 [OW-13]	B151307	100	100	06/13/16
16F0459-06 [OW-ED]	B151307	100	100	06/13/16

Prep Method: MA VPH-MADEP-VPH-04-1.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16F0459-01 [MW-1]	B151057	5	5.00	06/09/16
16F0459-02 [MW-2R]	B151057	5	5.00	06/09/16
16F0459-03 [MW-3]	B151057	5	5.00	06/09/16
16F0459-04 [OW-12]	B151057	5	5.00	06/09/16
16F0459-05 [OW-13]	B151057	5	5.00	06/09/16
16F0459-06 [OW-ED]	B151057	5	5.00	06/09/16

SM 21-22 4500 NO3 F

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16F0459-01 [MW-1]	B151419	25.0	25.0	06/14/16
16F0459-04 [OW-12]	B151419	25.0	25.0	06/14/16
16F0459-05 [OW-13]	B151419	25.0	25.0	06/14/16
16F0459-06 [OW-ED]	B151419	25.0	25.0	06/14/16

Prep Method: SW-846 3005A Dissolved-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16F0459-01 [MW-1]	B151048	50.0	50.0	06/09/16
16F0459-04 [OW-12]	B151048	50.0	50.0	06/09/16
16F0459-05 [OW-13]	B151048	50.0	50.0	06/09/16
16F0459-06 [OW-ED]	B151048	50.0	50.0	06/09/16



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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B151057 - MA VPH										
Blank (B151057-BLK1)				Prepared &	Analyzed: 06	0/09/16				
Unadjusted C5-C8 Aliphatics	ND	100	μg/L							
C5-C8 Aliphatics	ND	100	$\mu g/L$							
Unadjusted C9-C12 Aliphatics	ND	100	$\mu g/L$							
C9-C12 Aliphatics	ND	100	$\mu \text{g/L}$							
C9-C10 Aromatics	ND	100	$\mu g/L$							
Benzene	ND	1.0	$\mu g/L$							
Butylcyclohexane	ND	1.0	$\mu \text{g/L}$							
Decane	ND	1.0	μg/L							
Ethylbenzene	ND	1.0	$\mu \text{g/L}$							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	μg/L							
-Methylpentane	ND	1.0	μg/L							
Naphthalene	ND	5.0	$\mu \text{g/L}$							
Nonane	ND	1.0	$\mu \text{g/L}$							
Pentane	ND	1.0	μg/L							
Toluene	ND	1.0	μg/L							
,2,4-Trimethylbenzene	ND	1.0	$\mu \text{g/L}$							
2,2,4-Trimethylpentane	ND	1.0	$\mu \text{g/L}$							
n+p Xylene	ND	2.0	$\mu \text{g/L}$							
o-Xylene	ND	1.0	μg/L							
Surrogate: 2,5-Dibromotoluene (FID)	41.3		μg/L	40.0		103	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	35.0		μg/L	40.0		87.4	70-130			
LCS (B151057-BS1)				Prepared &	Analyzed: 06	5/09/16				
Benzene	91.1	1.0	μg/L	100		91.1	70-130			
Butylcyclohexane	86.6	1.0	$\mu \text{g/L}$	100		86.6	70-130			
Decane	94.7	1.0	$\mu g/L$	100		94.7	70-130			
Ethylbenzene	94.2	1.0	$\mu g/L$	100		94.2	70-130			
Methyl tert-Butyl Ether (MTBE)	102	1.0	$\mu g/L$	100		102	70-130			
2-Methylpentane	98.8	1.0	$\mu g/L$	100		98.8	70-130			
Naphthalene	80.2	5.0	$\mu g/L$	100		80.2	70-130			
Nonane	92.9	1.0	$\mu g/L$	100		92.9	30-130			
Pentane	79.3	1.0	$\mu \text{g}/L$	100		79.3	70-130			
Гoluene	94.2	1.0	$\mu g/L$	100		94.2	70-130			
,2,4-Trimethylbenzene	86.4	1.0	$\mu g/L$	100		86.4	70-130			
2,2,4-Trimethylpentane	90.5	1.0	$\mu g/L$	100		90.5	70-130			
n+p Xylene	183	2.0	$\mu g/L$	200		91.4	70-130			
-Xylene	91.0	1.0	μg/L	100		91.0	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	37.6		μg/L	40.0		94.0	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	34.5		μg/L	40.0		86.2	70-130			
LCS Dup (B151057-BSD1)				Prepared &	Analyzed: 06	/09/16				
Benzene	86.8	1.0	$\mu \text{g/L}$	100		86.8	70-130	4.76	25	
Butylcyclohexane	87.2	1.0	$\mu \text{g/L}$	100		87.2	70-130	0.687	25	
Decane	95.9	1.0	$\mu \text{g/L}$	100		95.9	70-130	1.18	25	
Ethylbenzene	92.1	1.0	$\mu \text{g/L}$	100		92.1	70-130	2.17	25	
Methyl tert-Butyl Ether (MTBE)	100	1.0	$\mu \text{g/L}$	100		100	70-130	1.57	25	
-Methylpentane	93.0	1.0	$\mu g/L$	100		93.0	70-130	5.95	25	
Naphthalene	80.4	5.0	$\mu g/L$	100		80.4	70-130	0.347	25	
Nonane	93.5	1.0	$\mu g/L$	100		93.5	30-130	0.687	25	
Pentane	75.4	1.0	$\mu g/L$	100		75.4	70-130	5.09	25	
Γoluene	93.5	1.0	$\mu \text{g/L}$	100		93.5	70-130	0.740	25	
1,2,4-Trimethylbenzene	85.5	1.0	$\mu g/L$	100		85.5	70-130	1.11	25	



QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B151057 - MA VPH										
LCS Dup (B151057-BSD1)				Prepared &	Analyzed: 06	/09/16				
2,2,4-Trimethylpentane	88.7	1.0	μg/L	100		88.7	70-130	1.97	25	
m+p Xylene	179	2.0	$\mu g/L$	200		89.7	70-130	1.87	25	
o-Xylene	89.6	1.0	$\mu g/L$	100		89.6	70-130	1.54	25	
Surrogate: 2,5-Dibromotoluene (FID)	41.3		μg/L	40.0		103	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	33.1		$\mu g/L$	40.0		82.7	70-130			



QUALITY CONTROL

Miscellaneous Organic Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B151324 - 3810-RSK175										
Blank (B151324-BLK1)				Prepared & A	Analyzed: 06	/13/16				
Methane	ND	0.0026	mg/L							
LCS (B151324-BS1)				Prepared & A	Analyzed: 06	/13/16				
Methane	2000		mg/L	2000		100	56-121			
Duplicate (B151324-DUP1)	Sour	ce: 16F0459-0)4	Prepared & Analyzed: 06/13/16						
Methane	0.102	0.0026	mg/L		0.111			7.99		



QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B151048 - SW-846 3005A Dissolved										
Blank (B151048-BLK1)				Prepared: 06	/09/16 Anal	yzed: 06/13/1	16			
Iron	ND	0.050	mg/L							
Manganese	ND	0.010	mg/L							
LCS (B151048-BS1)				Prepared: 06	/09/16 Anal	yzed: 06/13/1	16			
Iron	0.514	0.050	mg/L	0.500		103	80-120			
Manganese	0.518	0.010	mg/L	0.500		104	80-120			
LCS Dup (B151048-BSD1)				Prepared: 06	/09/16 Anal	yzed: 06/13/1	16			
Iron	0.509	0.050	mg/L	0.500		102	80-120	1.13	20	
Manganese	0.509	0.010	mg/L	0.500		102	80-120	1.64	20	



QUALITY CONTROL

$Conventional\ Chemistry\ Parameters\ by\ EPA/APHA/SW-846\ Methods\ (Total)\ -\ Quality\ Control$

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B151307 - ASTM D516-07										
Blank (B151307-BLK1)				Prepared &	Analyzed: 06	5/13/16				
Sulfate	ND	2.0	mg/L							
LCS (B151307-BS1)				Prepared &	Analyzed: 06	5/13/16				
Sulfate	20	2.0	mg/L	20.0		100	81.9-119			
LCS Dup (B151307-BSD1)				Prepared &	Analyzed: 06	5/13/16				
Sulfate	20	2.0	mg/L	20.0		101	81.9-119	0.449	5.17	
Batch B151419 - SM 21-22 4500 NO3 F										
Blank (B151419-BLK1)				Prepared &	Analyzed: 06	5/14/16				
Nitrate as N	ND	0.050	mg/L							
LCS (B151419-BS1)				Prepared &	Analyzed: 06	5/14/16				
Nitrate as N	2.8		mg/L	2.50		110	85.9-112			
LCS Dup (B151419-BSD1)				Prepared &	Analyzed: 06	5/14/16				
Nitrate as N	2.8		mg/L	2.50		110	85.9-112	0.00	11.9	



FLAG/QUALIFIER SUMMARY

	*	OC result is outside of established l	imits
--	---	---------------------------------------	-------

† Wide recovery limits established for difficult compound.

‡ Wide RPD limits established for difficult compound.

Data exceeded client recommended or regulatory level

ND Not Detected

RL Reporting Limit

DL Method Detection Limit

MCL Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the

calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.



CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
3810-RSK175 in Water	
Methane	VA,NY,ME
ASTM D516-07 in Water	
Sulfate	NY,NH,MA,CT,RI,VA,NC
MADEP-VPH-04-1.1 in Water	
Unadjusted C5-C8 Aliphatics	CT,NC,ME,NH-P
C5-C8 Aliphatics	CT,NC,ME,NH-P
Unadjusted C9-C12 Aliphatics	CT,NC,ME,NH-P
C9-C12 Aliphatics	CT,NC,ME,NH-P
C9-C10 Aromatics	CT,NC,ME,NH-P
Benzene	CT,NC,ME,NH-P
Ethylbenzene	CT,NC,ME,NH-P
Methyl tert-Butyl Ether (MTBE)	CT,NC,ME,NH-P
Naphthalene	CT,NC,ME,NH-P
Toluene	CT,NC,ME,NH-P
m+p Xylene	CT,NC,ME,NH-P
o-Xylene	CT,NC,ME,NH-P

SM 21-22 4500 NO3 F in Water

Nitrate as N CT,MA,NH,NY,RI,ME,NC,VA

SW-846 6010C-D in Water

IronCT,NH,NY,ME,NC,VAManganeseCT,NH,NY,ME,NC,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publile Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2017
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2017
RI	Rhode Island Department of Health	LAO00112	12/30/2016
NC	North Carolina Div. of Water Quality	652	12/31/2016
NJ	New Jersey DEP	MA007 NELAP	06/30/2016
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2016
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2016

8 = Sodium bisulfate **DW**= drinking water ***Container Code Dissolved Metals GW= groundwater WW = wastewater T = Na thiosulfate Field Filtered X = Na hydroxide # of Containers C Lab to Filter ** Preservation S = Sulfuric Acid ***Cont. Code: **Preservation A=amber glass *Matrix Code: S-summa can M = Methanol N = Nitric Acid T-tedlar bag S = soil/solid St. = sludge ST=sterile o = Other O = other P=plastic O=Other G-glass V≖ viai H=HC pao a A = air Please use the following codes to let Con-Test know if a specific sample Is your project MCP or RCP? East longmeadow, MA 01028 H. High; M. Medlum; L.- Low; C. Clean; U. Unknown may be high in concentration in Matrix/Conc. Code Box: ANALYSIS REQUESTED 39 Spruce Street <u>δ</u> CHAIN OF CUSTODY RECORD 788 d (16 **Detection Limit Requirements** 4 M ₹/ 3 3 Cons Cade mail: mcorcula ecsansulta 187-040-187 三 逐 7 "Enhanced Data Package" ナクリ 9/ Rev 04.05.12 Marra | Cade DATA DELIVERY (check all that apply Project # 95-21688 A CXCEL Composite Grab EMAIL DOWEBSITE das sachusetts: Client PO# CLOS O OTHER Telephone 1336 [003 1339 10% **でい** 227 Ending ○ FAX ormat Collection #XB **D**pay Email: info@contestlabs.com Turnaround www.contestlabs.com Beginning Comments: Bill to ECS- Agawam Client Sample ID / Description Date/Time: 29-30 0 - 12 STACE グアスト ANALYTICAL LABORATORY Project Proposal Provided? (for billing purposes) MW-6 proposal date Project Location: 309 Could -MW Sampled By: B. Bernard Cared WOBURN Address: 16 SHIE Company Name: **ECS** Relinquished by: (signature Attention: Mat Con-Test Lab ID \mathcal{Z} カつ

WBE/DBE Certified TRNAROUND TIME STARTS AT 9:00 A.M./THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR please be careful not to contaminate this document NCORRECT, TURNAROUND TIME WILL/NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

Other

Require lab approval

0 172-Hr 0 14-Day

Sate/Time: 3541

0 24-Hr 0 148-Hr

Table of Contents

NELAC & AIHA-LAP, LLC

○ MA State DW Form Required PWSID#

Connecticut:

10-Day

Date/Time

inquished by teronatine

Page 31

Received by:

eived by; (signature

Other RUSH

C RCP Form Required ALCP Form Required

Accredited

ā

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com



Page 1 of 2

Sample Receipt Checklist

1) Was the chain(s) of custody received to the chain agree with the surface of the chain agree of the chain agree of the surface of the chain agree of the chain agree of the surface of the chain agree of the surface of the surface of the chain agree of the surface of the chain agree of the surface of the surface of the chain agree of the surface of the su	samples? ndition? d: mpling	Harm	VED BY: Yes Yes	<u> </u>	No.	_DATE:	6 /8 /16 No &OC Incl
If not, explain: 3) Are all the samples in good conformation of the samples in good conformation of the samples received on Ice Direct from Samples received in Terror of the samples received in Terror	samples? ndition? d: mpling	gned?		<u>X</u>	No		No &OC Incl
If not, explain: Are all the samples in good coulf not, explain: How were the samples received on Ice Direct from Samples received in Terror	samples? ndition? d: mpling	•					
If not, explain: Are all the samples in good coulf not, explain: How were the samples received in Ice Direct from Samples received in Terror	ndition? d: mpling		163	\sim	No		
If not, explain: How were the samples received in Ice \(\square \) I Direct from Samples received in Terror	d : mpling				. 110	**************************************	
n Ice \(\sum \) Direct from Sar /ere the samples received in Terr	mpling		Yes		No		
lere the samples received in Terr							
	nnersture Complia	Ambien	nt	_In Coo	ler(s)	Δ	
emperature °C by Temp blank _	mperature Complia	nce of (2	!-6°C)?	Yes	<u>X</u>	No _	N/A
		_Temper	rature °C b	y Temp	gun	3.7	7
Are there Dissolved samples fo	or the lab to filter?		Yes		No	<u> </u>	
Who was notified	Date	Tin	me				
Are there any RUSH or SHORT	HOLDING TIME, sa	amples?	Yes	X	No		
Who was notified/ m		/ r.s.	, ,	<u> </u>	ı		
				ssion to	subco	ntract sa	mples? Yes No
Location where samples are stored	d:		(Walk	-in clien	ls only	if not al	ready approved
		19					
	•			_		***	
Do all agreeded basic the areas	. A sid will. Vs	N /	1-	NI/A			
						•	
) Do all samples have the proper) Do all samples have the proper			No			-	
Do all samples have the proper	r Base pH: Yes	N	No	N/A	X		N/A 🗸
Do all samples have the proper (i) Was the PC notified of any disc	r Base pH: Yes	ne CoC vs	No s the samp	_ N/A oles:	Yes		N/A 🗸
Do all samples have the proper (i) Was the PC notified of any disc	r Base pH: Yes crepancies with th	ne CoC vs	No s the samp	_ N/A oles:	Yes	- - -	N/A \# of containers
Do all samples have the proper (i) Was the PC notified of any disc	r Base pH: Yes crepancies with the ntainers re	ne CoC vs	s the samp	_ N/A oles:	Yes est		
Do all samples have the proper (i) Was the PC notified of any disc CO	r Base pH: Yes crepancies with the ntainers re	ne CoC vs	s the samp	N/A ples: pn-Te	Yes est		
Do all samples have the proper (i) Was the PC notified of any disc Co 1 Liter Amber	r Base pH: Yes crepancies with the ntainers re	ne CoC vs	s the samp d at Co	N/A ples: pn-Te	Yes est		
Do all samples have the proper (i) Was the PC inclined of any disc (CO) 1 Liter Amber 500 mL Amber	r Base pH: Yes crepancies with the ntainers rec # of containers	ne CoC vs	s the samp d at Co	N/A ples: n-Te con amber/cl	Yes est per ear jar ear jar		
Do all samples have the proper (i) Was the PC notified of any disc CO 1 Liter Amber 500 mL Amber 250 mL Amber (80z amber)	r Base pH: Yes crepancies with the ntainers re	ne CoC vs	s the samp d at Co 16 8 oz a 4 oz a 2 oz a	N/A ples: pn-Te poz amb mber/cl mber/cl	Yes est per ear jar ear jar ear jar		
Do all samples have the proper (Co 1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic	r Base pH: Yes crepancies with the ntainers rec # of containers	ne CoC vs	s the samp d at Co 16 8 oz a 4 oz a 2 oz a Plasti	N/A ples: on-Te con amber/cl mber/cl mber/cl	Yes est per ear jar ear jar ear jar Ziploc		
Do all samples have the proper (i) Was the PC notified of any disc CO 1 Liter Amber 500 mL Amber 250 mL Amber (80z amber) 1 Liter Plastic 500 mL Plastic	r Base pH: Yes crepancies with the ntainers rec # of containers	ne CoC vs	s the samp d at Co 16 8 oz a 4 oz a 2 oz a Plasti	N/A ples: on-Te coz amb mber/cl mber/cl mber/cl c Bag /	Yes est per ear jar ear jar ear jar Ziploc		
Do all samples have the proper (b) Was the PC antified of any disc CO 1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic	r Base pH: Yes crepancies with the ntainers rec # of containers	ne CoC vs	s the samp d at Co 16 8 oz a 4 oz a 2 oz a Plasti	N/A ples: On-Te Soz amb mber/cl mber/cl c Bag / SOC Ki	Yes est per ear jar ear jar ear jar Ziploc t e Kit		
Do all samples have the proper D) Was the PC antified of any disc CO 1 Liter Amber 500 mL Amber 250 mL Amber (80z amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below	r Base pH: Yes crepancies with the ntainers rec # of containers	ne CoC vs	s the samp d at Co 16 8 oz a 4 oz a 2 oz a Plasti Per Flas	oles: on-Te oz amber/cl mber/cl c Bag / SOC Kirchlorate	Yes Per Per Per Per Per Per Per Per Per Per		

Page 2 of 2 **Login Sample Receipt Checklist**

(Rejection Criteria Listing - Using Sample Acceptance Policy) Any False statement will be brought to the attention of Client

Question	T/F/NA	Comment
	I/F/NA	
1) The cooler's custody seal, if present, is intact.	NA L	
The cooler or samples do not appear to have been compromised or tampered with.	+	
3) Samples were received on ice.	7	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.		
7) COC is filled out with all pertinent information.	7	**************************************
8) Field Sampler's name present on COC.	F	
9) There are no discrepancies between the sample IDs on the container and the COC.	Ţ	
10) Samples are received within Holding Time.		
11) Sample containers have legible labels.	Í	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	丁	
16) Proper collection media used.	7	
17) No headspace sample bottles are completely filled.	T	, , , , , , , , , , , , , , , , , , , ,
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	N	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	7	
21) Samples do not require splitting or compositing.		Data Timo
Who notified of Fals Doc #277 Rev. 4 August 2013 Log-In Technician		Date/Time: 6/16/145

	MADEP MCP Analytical Method Report Certification Form										
Labo	ratory Name:	: Con-Test Ana	lytical Laboratory		Project #: 16F0)459					
Proje	ect Location:	309 Cowell St			RTN:						
This F	This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]										
16F	16F0459-01 thru 16F0459-06										
Matri	ces:	Water									
CA	AM Protoco	l (check all that b	pelow)								
	3260 VOC 7470/7471 Hg MassDEP VPH 8081 Pesticides 7196 Hex Cr CAM A () CAM B () CAM V B () CAM V B ()						APH				
	270 SVOC 7010 Metals CAM III C () MassDEP EPH 8151 Herbicides CAM V C () CAM VIII A ()					TO-15 VOO CAM IX B (
	Metals III A ()	6020 Metals CAM III D ()	8082 PCB CAM V A ()	9014 Total Cyanide/PAC CAM VI A ()	6860 Perchlorate CAM VIII B ()						
	A	ffirmative response	to Questions A throu	ghF is required for "F	Presumptive Certainty"	status					
A Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?]No¹				
B Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?]No¹				
Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?]No¹				
Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?]No¹				
Еа			Vas each method conduc al method(s) for a list of s	<u> </u>		☑ Yes □]No¹				
Εb	```	,	he complete analyte list r			□Yes□]No¹				
F			and performance standa cluding all No responses			☑ Yes □]No¹				
			and I below is require								
G	protocol(s)?		all CAM reporting limits s]No¹				
			esumptive Certainty" described in 310 CMF		ssarily meet the data us NSC-07-350.	sability					
Н	Were all QC po	erfomance standards s	pecified in the CAM proto	ocol(s) achieved?		☑ _{Yes} □	No ¹				
I	Were results re	eported for the complet	e analyte list specified in	the selected CAM protoc	col(s)?	☑ Yes □]No¹				
1 _{All}	Negative respo	onses must be addre	ssed in an attached Er	nvironmental Laborator	ry case narrative.						
thos	se responsible		nformation, the mater		pon my personal inqui nalytical report is, to tl	-					
Sigi	nature:	Lua	Warrlington_	Position:	Project Manager						
Prir	nted Name:	Lisa A. Worthingto	on	Date:	06/15/16						





10 State Street, Woburn, MA 01801 tel 781.246.8897 fax 781.246.8950 www.ecsconsult.com

August 23, 2016 ECS Project No. 95-214880

Town of Andover
Department of Community Development and Planning
Board of Health Department
36 Bartlett Street
Andover, Massachusetts 01810

RE: Notice of Document Availability

Mobil Station #1436 Global Companies LLC 309 Lowell Street Andover, Massachusetts MassDEP RTN 3-3072

To Whom It May Concern:

Pursuant to the Massachusetts Contingency Plan (MCP) 310 CMR 40.1405 and the Public Involvement Plan (PIP) dated April 21, 1999, Environmental Compliance Services, Inc. (ECS) has prepared this letter on behalf of Global Companies LLC (Global) to inform you that a Phase V – Remedy Operation Status (ROS) report was submitted to the Massachusetts Department of Environmental Protection (MassDEP) on August 28, 2016. The report was submitted to the MassDEP for Release Tracking Number (RTN) 3-3072 assigned to the commercial property located at 309 Lowell Street, Andover, MA (the "Site").

A copy of the Phase V - ROS report is included for your files, as you are a designated document repository in accordance with the PIP. Notifications of the availability of this document will be forwarded to the parties on the PIP mailing list.

If you should have any questions concerning this submittal, please do not hesitate to contact our office.

Sincerely,

Environmental Compliance Services, Inc.

Matthew Carey

Senior Project Manager

cc: Memorial Hall Library, Elm Square, Andover, MA – UPS





August 23, 2016 ECS Project No. 95-214880

Memorial Hall Library Elm Square 2 North Main Street Andover, Massachusetts 01810

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Matthew Carey

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cc: Town of Andover, Board of Health – UPS





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Should you wish to view the Phase V - ROS report, copies were submitted to the following document repositories in accordance with the PIP:

> Memorial Hall Library Elm Square Andover, MA 01810 Tel: (978) 623-8400

Department of Community Development and Planning Board of Health Department 36 Bartlett Street Andover, MA 01810

Tel: (978) 623-8295

Additional public involvement opportunities are available to you under 310 CMR 40.1405. If you have any questions or require additional information regarding this submittal, feel free to contact the undersigned at 781-246-8897.

Sincerely,

Environmental Compliance Services, Inc.

Matthew Carey

Senior Project Manager

WHERE BUSINESS AND THE ENVIRONMENT CONVERGE